COURSE CATALOG

2026 -2027

NEOSHO SCHOOL DISTRICT

Table of Contents

Pathways

Graduation Pathways

Graduation Pathways are designed to provide students with structured guidance as they explore academic interests, career goals, and postsecondary opportunities. These pathways outline recommended coursework and experiences that support student readiness for college, career, and workforce entry. While Graduation Pathways offer a clear roadmap, they are intended to be flexible and may be adapted to meet individual student needs, interests, and goals.

Students and families should understand the following:

- **Pathways Are Guides, Not Guarantees:** Successful completion of a Graduation Pathway supports academic and career preparation; however, it does not guarantee admission to postsecondary programs, eligibility for certifications, or placement in employment or internships.
- **Course Availability May Vary:** All pathway courses are subject to staffing, enrollment, facility availability, and scheduling constraints. Pathway offerings may change from year to year based on district resources or college partner updates.
- **Student Responsibility in Planning:** Students should review their Graduation Pathway annually and work closely with their school counselor to ensure that course selections align with graduation requirements, postsecondary plans, and any specialized program entrance requirements.
- **Prerequisites and Requirements Apply:** Some pathways include courses with specific prerequisites, eligibility requirements, or application processes. Meeting all criteria is the responsibility of the student.
- **Pathway Changes:** Students may change Graduation Pathways during designated enrollment periods; however, changing pathways may affect the timeline for completing pathway-specific coursework or experiences.

Individualized Graduation Pathways

Students who have specialized goals may choose to develop their own individualized pathway that differs from the pathways outlined in the course catalog. In these cases:

- **Communication is Essential:** Students must work directly with their counselor, staff, and district administration to develop a customized plan that supports both high school graduation and postsecondary ambitions.
- **Student-Led Planning:** Students wishing to pursue an associate's degree or postsecondary program not currently offered within the catalog must come prepared with a clear, structured plan outlining their desired courses, timelines, and institution requirements for discussion with the district.
- **Graduation Requirements Take Priority:** Alignment to Neosho School District graduation requirements will take precedence over external program requirements. The district cannot guarantee that students will have the schedule availability necessary to complete all requirements for outside postsecondary programs.
- **Financial Responsibility:** Any tuition, fees, textbooks, or materials associated with courses outside the district-approved offerings listed in the course catalog will be the responsibility of the student and family.

External Factors

Transferability of credits, credential availability, scholarship eligibility, and program acceptance are determined by external colleges, universities, and industry partners. Students should consult directly with these institutions for the most accurate and up-to-date information.

Course Pathway Purpose

Recommended course pathways are designed to provide students with a clear plan for completing their academic and career goals while still allowing flexibility to participate in programs such as athletics, band, fine arts, clubs, and other extracurricular activities. These pathways serve as guides to help students make informed decisions and should be reviewed alongside each student's selected Graduation Pathway to determine the best individualized plan.

Students are encouraged to work closely with their counselors to ensure their course selections support graduation requirements, future college or career plans, and participation in specialized programs.

While changes in interest are expected and students may switch to a new pathway during any enrollment period, students who change pathways must begin at the start of the new pathway, beginning with the 9th-grade sequence, to ensure they receive the foundational coursework necessary for success in advanced pathway classes.

However, core subject areas that do not require prerequisites for advancement will not require students to restart the pathway. In these cases, students may transition into the appropriate course level aligned with their academic progress and graduation requirements.

Course availability, prerequisites, and program requirements may vary each year and are subject to change based on staffing, enrollment, district needs, and college partner updates. Any courses taken by the student outside of the scheduled school day or not included in the district-approved Graduation Pathways or course catalog will be the financial responsibility of the student and their family, including all associated tuition, fees, and textbook costs.

General Information

Welcome Letter

Dear Students and Families,

It is with great excitement that I welcome you to a new school year in the Neosho School District! Whether you are beginning your educational journey in Pre-K, advancing through elementary or junior high, or preparing for graduation at the high school, this year brings new opportunities to learn, grow, and succeed.

Our mission is clear: to provide each student with the tools, encouragement, and guidance needed to achieve their goals. We want every child to feel connected to their school, challenged in their classes, and confident in their abilities. From the very first day of Pre-K through the last steps across the graduation stage, we are committed to supporting you in reaching your fullest potential.

Our teachers, staff, and administrators are here to walk alongside you—cheering for your successes, guiding you through challenges, and helping you discover the possibilities ahead. I ask each student to take pride in your learning, stay curious, and keep sight of the big picture: your future matters, and the work you do now opens doors for years to come.

Parents and guardians, thank you for your continued partnership. Your support is essential to ensuring that our students thrive, and together we can help every child build the confidence, skills, and determination they need to succeed.

On behalf of the Neosho School District, I wish you an incredible year filled with learning, growth, and achievement. I cannot wait to celebrate your successes as we move forward together.

With Wildcat Pride,

Jim Davis
Superintendent of Schools

Contact Information

Campus	Address	Phone	Key Contacts
Benton	1120 Carl Sweeny Parkway Neosho, MO 64850	417-451-8610	Principal: Haylie Culp Assistant Principal: Dana Dunlock Counselors: Jennifer Erisman, Eric Linton
Carver	12350 Norway Road Neosho, MO 64850	417-451-8690	Principal: Tonna Powers Assistant Principal: Elaine Branham Counselors: Shawndale Rainwater, Brooke Richey
Goodman	117 N School Street Goodman, MO 64843	417-451-8680	Principal: Tyler Gordon Counselor: Kimberly Nalley
RISE	201 N Washington Street Neosho, MO 64850	417-451-8620	Principal: Satotha Burr Counselor: Andrea Doke
South	1111 Wornall Street Neosho, MO 64850	417-451-8640	Principal: Lee Woodward Counselor: Larissa Carrier

Campus	Address	Phone	Key Contacts
Middle School	1400 Hale McGinty Drive Neosho, MO 64850	417-451-8650	Principal: Charity Williams Assistant Principal: John Jordan Counselors: Justin Hall, Jacey Adams
Junior High School	14646 Kodiak Road Neosho, MO 64850	417-451-8660	Principal: Michael Daugherty Assistant Principal: Emily Abell Counselors: Amber Bigbee, Vincent Kyser
High School	511 S. Neosho Blvd. Neosho, MO 64850	417-451-8650	Principal: Trent Barratt Assistant Principal: Beth Jones Assistant Principal: James Carter Assistant Principal: Stephanie Morehead Counselors: Lead Counselor-Melissa Lewis 9th grade-Heidi Clanton, 10th grade-Emily Pry, 11th grade-Kayleigh Tharp, 12th grade-Mel Lance
Central Campus	301 Big Spring Drive Neosho, MO 64850	417-451-8616	Director: Ryan Sheffield
District Campus	418 Fairground Road Neosho, MO 64850	417-451-8600	Superintendent: Jim Davis Student Support Director: Paul Schlag Director of Elementary Education: Joshua Depoe Director of Secondary Education: Twyla Evans

Definition of Terms

Accelerated Courses: Courses that cover current grade-level content *and* introduce material from the next grade level.

Advanced Courses: On-level courses taught with increased depth, rigor, and expectations within the same grade level's standards.

AP (Advanced Placement): College-level courses offered in high school. Students may earn college credit based on their AP exam score. Students who take the AP exam receive a weighted grade; students who do not take the exam receive an unweighted grade.

Dual Credit (DC): Courses taken for both high school and college credit, offered in partnership with Crowder College. Dual credit courses are offered on Neosho High School's campus.

Dual Enrollment (DE): Courses taken for both high school and college credit, offered in partnership with Crowder College. Dual enrollment courses are offered online or on the higher learning institution's campus.

Elective Course: Courses chosen by students to explore interests and expand learning beyond required core subjects.

Core Courses: English, Math, Science, and Social Studies courses required for graduation by the Missouri Department of Elementary and Secondary Education (DESE).

NCAA Eligibility: Standards set by the NCAA for student-athletes wishing to participate in college athletics.

MSHSAA Eligibility: Rules for student participation in Missouri High School Activities Association extracurriculars.

Practical Arts: Courses focused on practical skills such as agricultural, business, industrial technology, and multimedia.

Graduation Requirements and Diplomas

Graduation Requirements

State of Missouri Requirements

Subject	Credits Required
English	4.0
Mathematics	3.0
Science	3.0
Social Studies	3.0
Fine Arts	1.0
Practical Arts (Career and Technical Education Courses)	1.0
Physical Education	1.0
Health	0.5
Personal Finance	0.5
Electives	7.0
Total	24.0

Neosho School District Requirements

Subject	Credits Required Standard Diploma	Credit Required Honors Diploma*
English	4.0	4.0
Mathematics	3.0	4.0
Science	3.0	4.0
Social Studies**	3.0	3.0
Fine Arts	1.0	1.0
Practical Arts (Career and Technical Education Courses)	1.0	1.0
Physical Education	1.0	1.0
Health	0.5	0.5
Personal Finance	0.5	0.5
Speech***	0.5	0.5
Foreign Language	0.0	2.0
Electives	6.5	6.5
Total	24.0	28.0

Comparable advanced, accelerated, or college courses may be substituted where applicable. Some career studies courses may also apply for math, science, fine arts, personal finance, or physical education courses. See the course descriptions for more information.

*Honors Diploma requires students to complete two years of a foreign language; two advanced, AP, Pre-AP, or dual credit courses in each core area (English, Social Studies and History, Math, Science); and maintain a 3.8 cumulative, unweighted GPA. Students must be enrolled in one advanced, AP, Pre-AP, or dual credit course their senior year.

**AP US History or Dual Credit American History (HIST-106 and HIST-107) will satisfy the American History requirement. Dual credit (PSLC-103) or AP Government will satisfy the full credit Government requirement.

***Competitive speaking and debate courses, Agriculture Leadership, and Business Communications will meet the requirement for a semester of speech required for graduation.

A+ Program

The A+ Schools Program provides scholarship funds to eligible graduates of A+ designated high schools. Students who successfully complete the program requirements may qualify for tuition assistance at any participating public community college or technical school in Missouri.

Quick Facts

- Up to two years of tuition and fees covered at participating Missouri Institutions
- Maintain a cumulative GPA of 2.5 or higher
- Maintain at least a 95% attendance record during grades 9-12
- Complete 50 hours of unpaid tutoring or mentoring
- Maintain a record of good citizenship and avoid unlawful drug/alcohol use

Please check with your preferred higher education institution to determine its participation with the A+ program.

NCAA and MSHSAA Eligibility Requirements

Requirement	NCAA	MSHSAA
Minimum GPA	2.3 (Division I)	2.0 cumulative
Core Credits	16 NCAA-approved courses	Pass 3 courses per semester
Testing	ACT/SAT with sliding scale	N/A
Attendance	N/A	Must attend regularly

Enrollment and Pathway Options

FLEX Program: Flexible scheduling options for students balancing academics with extracurricular or work commitments

Virtual Learning: Online courses available for students who need alternative formats or scheduling flexibility

Missouri Options: Alternative pathway to a high school diploma for students who meet state eligibility criteria

Central Campus: Opportunities for specialized coursework and collaborative learning across the district

NEWcaps: Career-aligned experiences in business, healthcare, and marketing pathways, integrating real-world learning experiences

Grow Your Own Teacher: Educational learning pathway that offers dual enrollment, dual credit, and high school courses for students wanting to complete an educational associate's degree at the time of high school graduation

Fast Track U: General Studies pathway that offers dual enrollment, dual credit, and high school courses for students wanting to complete a general studies associate's degree at the time of high school graduation

PK-J Initiative: The Neosho School District's PK-J Initiative is a community-driven partnership designed to align early education from Pre-Kindergarten through job attainment with the workforce needs of our region. This initiative brings together educators, families, and local business leaders to ensure that students begin developing the knowledge, skills, and experiences necessary to thrive in high-demand careers.

Through this effort, students are introduced to career-focused learning opportunities earlier in their academic journey, connecting classroom instruction with real-world applications. The initiative emphasizes collaboration, communication, and hands-on learning, ensuring that by the time students reach high school, they are better prepared to take advantage of any chosen graduation pathway.

The PK-J Initiative demonstrates Neosho's commitment to preparing every student for success beyond graduation, while strengthening ties between the district and the broader community.

Student Success Planning

Student Success Planning Process

1. Attend 6th grade and 8th grade tours

   Each Spring, 6th graders and 8th graders will have the opportunity to attend informational nights to help plan for future courses. These nights are important to introducing students to courses, electives, and club opportunities. School staff will be available to assist students and parents with questions and scheduling advice.

2. Review the course catalog

   All information available to students will be in the Course Catalog. Taking time to read through the course catalog and understand the recommended course pathways and Graduation pathways will help students plan their future opportunities.

3. Review your student's ICAP information.

   8th grade students complete ICAP information to help identify areas of interest and the career fields associated with those interests. While we understand that this information is only a small piece of who your student is as a person, considering the information discovered in your student's ICAP results can help students identify areas of interest for course opportunities and graduation pathways.

4. Review Academic Strengths

   Review any academic strengths and consider enrolling in advanced or accelerated courses in those areas.

5. Review Academic Deficits

   Review any academic deficits and plan appropriate academic supports and intervention programs to assist in successful completion of the courses.

6. Choose a Graduation Pathway

   Choose the graduation pathway that best supports your student's goals after graduation. Graduation pathways offer a variety of opportunities for students like IRC (industry recognized credentials), certificates, associate's degrees, and advanced placement (AP) credits.

7. Choose an Elective Pathway

   Choose elective interests. Any course above the graduation requirements counts as an elective. See the pathway charts in course pathways and detailed course descriptions to help determine desired courses. Theses courses may be career interests or hobby interests. Choose an interest where you can show commitment to come individual program while in high school. Students may change pathways or explore more than one pathway, but a long-term commitment to at least one high school pursuit is advantageous to the subsequent college or career search.

PK-6

Grading Scale

- 4 (Advanced) - I can consistently perform beyond grade level expectations
- 3 (Proficient) - I consistently demonstrate mastery of the knowledge and skills expected on this grade level standard.
- 2 (Basic) - I am making progress and can demonstrate partial mastery of the grade level standard
- 1(Below Basic) - I am not able to demonstrate understanding of this standard yet

Life Readiness Skills

1. I can self regulate.

Self-Regulated - I can manage myself

- I can be ok when I have big emotions.
- I can be ok when others are not ok.
- I can calm my body and brain when I feel upset.

2. I can be resourceful.

Resourceful - I can solve problems

- I can stop, think, and choose kind words when I have a problem.
- I can ask for help in a respectful way.
- I can find solutions that work for me and others.

3. I can show empathy.

Empathetic - I can be a good friend

- I can share, take turns, and include others.
- I can be kind and include others, even when someone is having a rough day.
- I can understand how someone else feels.

4. I can be responsible.

Responsible- I can make healthy choices

- I can eat, sleep, and move to take care of my body.
- I can use technology safely and responsibly.
- I can make choices that help me stay safe and well.

5. I can have a growth mindset.

Growth Mindset - I can be a learner

- I can try my best and know the power of yet, even when something feels hard I can have grit.
- I can learn from mistakes and keep going.
- I can use my interests to help me learn.

6. I can show commitment.

Commitment - I can show up and participate

- I can be at school on time and ready to learn.
- I can listen, ask questions, and do my best work.
- I can stay focused and finish what I start.

7. I can be authentic.
Authentic - I can be me

- I can be honest and do the right thing even when no one is watching.
- I can be proud of who I am and what makes me unique.
- I can be kind, confident, and myself every single day.

PK-6 Guaranteed Standards

PK-6 ELA
Pre-K

Skill	Standard
Reading (Literary and Informational)	**Knowledge of Print and Books** Develop a sense of story
Foundational Skills	**Knowledge of Print and Books** Identify some alphabet letters (Letters in their name)
Writing	**Written Language** Tell others about marks and intended meaning of drawing and writing
Language	**Sounds of Language** Discriminate some sounds in words
Speaking/Listening	**Speaking and Listening** Initiate and respond appropriately in conversation and discussions Listen to others Follow simple directions

Kindergarten

Skill	Standard
Reading (Literary and Informational)	**K.R.1.A.b** Asking and responding to questions about texts read aloud **K.R.3.A.a** Identify the topic and details in an expository text heard and/or read, referring to the words and/or illustrations
Foundational Skills	**K.RF.1.A.c** Demonstrate that books are read left to right, top to bottom **K.RF.2.A.g** Isolating the initial, medial, and final sounds in spoken words **K.RF.3.A.a** Producing and writing letter(s) for most short vowel and consonant sounds **K.RF.3.A.c** Blending letter sounds to decode simple words **K.RF.3.A.d** Recognizing that new words can be created when letters are changed, added, or deleted and using letter-sound knoweldge to write simple messages and words
Writing	**K.W.1.A.a** Use pictures, oral language or written letters,and/or words to generate a writing plan
Language	**K.L.1.A.d** Demonstrate the use of complete sentences in shared language activities
Speaking/Listening	**K.SL.3.A.c** Confirming comprehension by retelling information and asking appropriate questions based on read-alouds or other media

1st Grade

Skill	Standard
Reading (Literary and Informational)	**1.R.2.A.a** Describe characters, setting, problem, solution, and events in logical sequence **1.R.3.A.c** Use text features to locate specific information in text **1.R.1.D** Read independently for multiple purposes over sustained periods of time **Not on the grade card and not formally assessed in LCs**
Foundational Skills	**1.RF.2.A.c** Recognize change in a spoken word when a specific phoneme is added, changed, or removed. **1.RF.2.A.d** Bleding spoken phonemes to form one- or two-syllable words including consonant blends **1.RF.3.A.a** Decoding words in context by using letter-sound knowledge **1.RF.3.A.e** Combining sounds from letters and common spelling patterns to decode recognizable words
Writing	**1.W.1.B** Appropriate to genre type, develop a draft from prewriting
Language	**1.L.1.A.g** Produce complete simple and compoud sentences

Skill	Standard
	1.L.1.B.b Use ending punctuation
Speaking/Listening	**1.SL.3.A.c** Confirming comprehension of read-alouds and other media by retelling and asking appropriate questions

2nd Grade

Skill	Standard
Reading (Literary and Informational)	**2.R.1.A.c** Seeking clarification and using information/ facts and details about texts and supporting answers with evidence from text **2.R.1.B.c** Using context to determine the meaning of a new word or multiple-meaning words in text **2.R.2.A.a** Describe the setting, problems, solutions, sequence of events (plot), and big idea or moral lesson **2.R.2.A.f** Compare and contrast the differences in points of view of characters and how stories are narrated **2.R.1.D** Read independently for multiple purposes over sustained periods of time **Not on the grade card and not formally assessed in LCs**
Foundational Skills	**2.RF.3.A.a** Decoding multisyllabic words in context by applying common letter sound correspondences including single letters, consonant blends, consonant and vowel digraphs, and vowel diphthongs **2.RF.3.A.i** Reading irregularly spelled high-frequency words
Writing	**2.W.1.B** Appropriate to genre type, develop a draft from prewriting **2.W.1.C.a** Revise drafts to strengthen writing by revising main idea, details, word choice, sentence construction, event order, audience, and voice **2.W.1.C.b** Edit drafts for language conventions **2.W.3.A d** Gather evidence from available sources, literary and informational
Language	**2.L.1.A.h** Produce simple declarative, imperative, exclamatory, and interrogative sentences
Speaking/Listening	**2.SL.3.A.b** Confirming comprehension of read-alouds and independent reading by retelling and asking appropriate questions

3rd Grade

Skill	Standard
Reading (Literary and Informational)	**3.R.1.A.b** Drawing conclusions and support with textual evidence **3.R.1.A.c** Summarizing a story's beginning, middle, and end determining its central message, lesson, or moral

Skill	Standard
	3.R.1.B.b Using sentence-level context to determine the relevant meaning of unfamiliar words or distinguish among multiple-meaning words **3.R.2.A.c** Describe the interaction of characters, including relationships and how they change **3.R.3.A.b** Identify the details or facts that support the main idea
Foundational Skills	**3.RF.3.A.a** Decoding multisyllabic words in context and independent of context by applying common spelling patterns
Writing	**3.W.1.B** Appropriate to genre type, develop a draft from prewriting. **3.W.3.A.c** Decide what sources of information might be relevant to answer questions **3.W.1.C** Reread, revise and edit drafts
Language	**3.L.1.A.f** Produce simple and compound imperative, exclamatory, declarative, and interrogative sentences
Speaking/Listening	**3.SL.1.A** Develop and apply effective listening skills and strategies in formal and informal settings

4th Grade

Skill	Standard
Reading (Literary and Informational)	**4.R.1.A.a** Drawing conclusions and inferring by referencing textual evidence of what the text says explicitly as well as inferences drawn from the text **4.R.1.B.a** Determining the meaning of academic English words derived from Latin, Greek, or other linguistic root words and their prefixes and suffixes **4.R.1.B.b** Using the context of the sentence to determine the meaning of unfamiliar words or multiple-meaning words **4.R.2.A.a** Summarize and sequence the events/plot, explain how past events impact future events, and identify the theme **4.R.2.A.c** Describe the interaction of characters, including relationships and how they change **4.R.3.A.a** Use multiple text features to locate information and gain an overview of the contents of text **4.R.3.B.b** Analyze, make inferences, and draw conclusions about persuasive text; use evidence from the text to explain the author's purpose; and support the analysis
Foundational Skills	**4.RF.3.A.b** Reading root words, prefixes, and suffixes and important words from specific content curricula
Writing	**4.W.1.B** Appropriate to genre type, develop a draft from prewriting. **4.W.1.C** Reread, revise and edit drafts

Skill	Standard
	4.W.3.A.c Identify a variety of relevant sources, literary and informational
Speaking/Listening	**4.SL.1.A.b** Posing and responding to specific questions to clarify or follow up on information, making comments that contribute to the discussion, and linking to the remarks of others

5th Grade

Skill	Standard
Reading (Literary and Informational)	**5.R.1.A.b** Drawing conclusions by providing textual evidence of what the text says explicitly as well as inferences drawn from the text **5.R.1.B.b** Using context to determine meaning of unfamiliar or multiple-meaning words **5.R.2.A.a** Compare and contrast the roles and functions of characters in various plots, their relationships, and their conflicts **5.R.2.A.b** Explain the theme or moral lesson, conflict, and resolution in a story or novel **5.R.2.A.c** Describe how a narrator's or speaker's point of view influences others **5.R.3.B.a** Evaluate if the author's purpose was achieved, identify reasons for the decision, and provide evidence to support the claim
Writing	**5.W.1.C** Reread, revise, and edit drafts with assistance. **5.W.2.A** Write opinion texts that: a.introduce a topic or text being studied, using an introductory paragraph that clearly supports the writer's purpose **5.W.2.B.b** Write informative/explanatory texts that: b.develop the topic into supporting paragraphs from sources, using topic sentences with facts, details, examples, and quotations **5.W.2.C.b** Write fiction or non-fiction narratives and poems that: b.use narrative techniques, such as dialogue, motivation, and descriptions **5.W.3.A.g** Differentiate between paraphrasing and plagiarism when using ideas of others
Speaking/Listening	**5.SL.1.A.b** Posing and responding to specific questions to clarify or following up on information and making comments that contribute to the discussion to link to the remarks of others

6th Grade

Skill	Standard
Reading (Literary and Informational)	**6.RL.1.A/6.RI.1.A** Draw conclusion, infer and analyze by citing textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text **6.RL.1.D/6.RI.1.D** Determine the theme(s)/central idea of a text and cite evidence of its development **6.RI.2.B** Explain how an author's point of view or purpose is conveyed in an informational text **6.RI.2.D** Identify an author's argument in a text and distinguish claims that are supported by reasons and evidence from claims that are not
Writing	**6.W.1.A.a** Conduct research to answer a question, drawing on several sources; integrate information using a standard citation system. **6.W.1.A.b** Gather relevant information from multiple print and digital sources, assess the credibility of each source, and quote or paraphrase the data and conclusions of others while avoiding plagiarism and providing basic bibliographic information for sources **6.W.3.A.a** Introduce the topic, maintain a clear focus throughout the text, provide a conclusion that follows from the text **6.W.3.A.b** Choose precise language and establish and maintain an appropriate and consistent style with complete sentences
Speaking/ Listening	**6.SL.1.B** Delineate a speaker's argument and claims in order to pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion

PK-6 Math

Pre-K

Skill	Standard
Number Sense	**Numbers and Operations** Explores quantity Identify numerals in everyday situations
Relationships and Algebraic Thinking	**Patterns and Relationships** Duplicate and extend patterns
Geometry and Measurement	**Geometry and Spatial Sense** Identify and name some shapes **Measurement and Data** Compare objects using measurement features

Kindergarten

Skill	Standard
Number Sense	**K.NS.B.9** Demonstrate that a number can be used to represent "how many" are in a set

Skill	Standard
	K.NS.C.10 Compare two or more sets of objects and identify which set is equal to, more than or less than the other **K.NBT.A.1** Compose and decompose numbers from 11 to 19 into sets of tens with additional ones
Relationships and Algebraic Thinking	**K.RA.A.1** Represent addition and subtraction within 10 **K.RA.A.3** Decompose numbers less than or equal to 10 in more than one way **K.RA.A.4** Make 10 for any number from 1-9
Geometry and Measurement	**K.GM.A.2** Compare the measurable attributes of two objects **K.GM.C.6** Identify shapes and describe objects in the environment using names of shapes, recognizing the name stays the same regardless of orientation or size **K.GM.C.8** Identify and describe the attribute of shapes, and use the attributes to sort a collection of shapes
Data and Statistics	**K.DS.A.2** Compare category counts using apporpriate language

1st Grade

Skill	Standard
Number Sense	**1.NBT.A.2** Understand two-digit numbers are composed of ten(s) and one(s) **1.NBT.B.7** Add or subtract a multiple of 10 from another two-digit number, and justify the solution
Relationships and Algebraic Thinking	**1.RA.A.1** Use addition and subtraction within 20 to solve problems **1.RA.C.8** Demonstrate fluency with addition and subtraction within 10
Geometry and Measurement	**1.GM.A.2** Compose and decompose two- and three-dimensional shapes to build an understanding of part-whole relationships and the properties of the original and composite shapes **1.GM.A.4** Partition circles and rectangles into two or four equal shares, and describe the shares and the wholes verbally
Data and Statistics	**1.DS.A.2** Draw conclusions from object graphs, picture graphs, T-charts, and tallies

2nd Grade

Skill	Standard
Number Sense	**2.NBT.A.1** Understand three-digit numbers are composed of hundreds, tens and ones **2.NBT.B.8** Add or subtract within 1000, and justify the solution

Skill	Standard
	2.NBT.B.9 Use the relationship between addition and subtraction to solve problems
Relationships and Algebraic Thinking	**2.RA.A.1** Demonstrate fluency with addition and subtraction within 20 **2.RA.B.3** Find the total number of objects arranged in a rectangular array with up to 5 rows and 5 columns, and write an equation to represent the total as a sum of equal addends
Geometry and Measurement	**1.GM.A.2** Demonstrate that equal shares of identical wholes need not have the same shape **2.GM.B.5** Analyze the results of measuring the same object with different units **2.GM.C.9** Represent whole numbers as lengths on a number line, and represent whole-number sums and differences within 100 on a number line **2.GM.D.12** Find the value of combinations of dollar bills, quarters, dimes, nickels and pennies, using $ and ¢ appropriately
Data and Statistics	**2.DS.A.4.5** Solve problems and draw conlusions using information presented in line plots, picture graphs and bar graphs

3rd Grade

Skill	Standard
Number Sense	**3.NF.A.1** Understand a unit fraction as the quantity formed by one part when a whole is partitioned into equal parts **3.NF.A.3** Represent fractions on a number line. **3.NF.A.5** Recognize and generate equivalent fractions using visual models, and justify why the fractions are equivalent. **3.NF.A.6** Compare two fractions with the same numerator or denominator using the symbols >, = or <, and justify the solution **3.NBT.A.3** Demonstrate fluency with addition and subtraction within 1,00**0**
Relationships and Algebraic Thinking	**3.RA.C.7** Multiply and divide with numbers and results within 100 using strategies such as the relationship between multiplication and division or properties of operations. Know all products of two one-digit numbers **3.RA.D.9** Write and solve two-step problems involving variables using any of the four operations **3.RA.D.10** Interpret the reasonableness of answers using mental computation and estimation strategies including rounding
Geometry and Measurement	**3.GM.A.1** Understand that shapes in different categories may share attributes and that the shared attributes can define a larger category

Skill	Standard
	3.GM.C.13 Find rectangular arrangements that can be formed for a given area **3.GM.D.15** Solve problems involving perimeters of polygons
Data and Statistics	**3.DS.A.1** Create frequency tables, scaled picture graphs and bar graphs to represent a data set with several categories.

4th Grade

Skill	Standard
Number Sense	**4.NF.A.2** Recognize and generate equivalent fractions **4.NF.B.6** Solve problems involving adding and subtracting fractions and mixed numbers with like denominators **4.NF.C.12** Compare two decimals to the hundredths place using the symbols >, = or <, and justify the solution **4.NBT.A.5** Demonstrate fluency with addition and subtraction of whole numbers. **4.NBT.A.6** Multiply a whole number of up to four digits by a one digit whole number and multiply two two-digit numbers and justify the solution. **4.NBT.A.7** Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, and justify the solution
Relationships and Algebraic Thinking	**4.RA.A.2** Solve multi-step whole number problems involving the four operations and variables and using estimation to interpret the reasonableness of the answer **4.RA.A.3** Solve whole number division problems involving variables in which remainders need to be interpreted, and justify the solution
Geometry and Measurement	**4.GM.A.2** Classify two-dimensional shapes by their sides and/or angles **4.GM.C.7** Use the four operations to solve problems involving distances, intervals of time, liquid volume, weight of objects and money **4.GM.C.8** Apply the area and perimeter formulas for rectangles to solve problems
Data and Statistics	**4.DS.A.3** Analyze the data in a frequency table, line plot, bar graph or picture graph

5th Grade

Skill	Standard
Number Sense	**5.NBT.A.7** Multiply multi-digit whole numbers and decimals to the hundredths place, and justify the solution.

Skill	Standard
	5.NBT.A.8 Divide multi-digit whole numbers and decimals to the hundredths place using up to two-digit divisors and four-digit dividends, and justify the solution **5.NF.A.2** Convert decimals to fractions and fractions to decimals **5.NF.B.6** Solve problems involving addition and subtraction of fractions and mixed numbers with unlike denominators, and justify the solution **5.NF.A.1** Understand parts of a whole **5.NF.B.5.a** Justify the reasonableness of a product when multiplying with fractions; estimate the size for the product based ont he size for the two factors **5.NF. B.7.b** Multiply a fraction or whole number by a fraction
Relationships and Algebraic Thinking	**5.RA.C.5** Solve and justify multi-step problems invloving whole, fraction and decimals **5.RA.A.2** Investigate the relationship between two numeric patterns; write a rule to describe or explain a given numeric pattern **5.RA.A.1.c** Investigate the relationship between two numeric patterns; graph numeric patterns on the Cartesian coordinate plane **5.RA.A.1.d** Investigate the relationship between two numeric patterns; identify the relationship between two numeric patterns
Geometry and Measurement	**5.GM.B.4.a** Understanding the concept of volume, and recognize that volume is measured in cubic units; describe a cube with an edge length 1 unit as a "unit cube"; it has "one cubic unit" of volume and can be used to measure volume **5.GM.A.2** Classify figures in a hierarchy based on properties
Data and Statistics	**5.DS.A.2** Create a line plot and analyze data

6th Grade

Skill	Standard
Number Sense	**6.NS.A.1a** Solve problems involving division of fractions by fractions. **6.NS.C7** Understand the at the absolute value of a rational number is its distance from 0 on the number line. **6.RP.A.3a** Create tables of equivalent rations, find missing values in the tables and plot the pairs of values on the Cartesian coordinate plane. **6.RP.A.3c** Solve percent problems.
Relationships and Algebraic Thinking	**6.EEI.A.2d** Write and evaluate algebraic expressions.

Skill	Standard
	6.EEI.B.5 Understand that if any solutions exist, the solution set for an equation or inequality consists of values that make the equation or inequality true **6.EEI.B.6** Write and solve equations using variables to respresent quantities, and understand the meaning of the variable in the context of the situation.
Geometry and Measurement	**6.GM.A.3a** Understand signs of numbers in ordered pairs as indicating locations in quadrants of the Cartesian coordinate plane. **6.GM.A.3c** Find distances between points with the same first coordinate or the same second coordinate.
Data and Statistics	**6.DSP.A.2** Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread and overall shape.

Course Pathways & Courses

Agriculture

Agriculture Course Descriptions

1001: Exploring Agriculture I

Program	**Agriculture**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Exploring Agriculture I is an introductory course designed to build awareness of career-related knowledge and skills in the field of agriculture. Students will engage in hands-on lessons, interactive lab experiences, and exploratory learning activities that generate excitement for the wide range of agricultural career opportunities. Throughout the course, students will explore the world of work, agribusiness, natural resources, and responsible consumer relations while developing foundational skills in teamwork, problem-solving, scientific inquiry, and technical application.

Students will be introduced to major agricultural pathways, including plant science, animal science, food science, biotechnology, natural resources, and agricultural mechanics, allowing them to analyze different aspects of the agricultural industry. These experiences prepare students for future agricultural coursework and help them understand how agriculture impacts their daily lives, their community, and global systems.

In addition, students will be introduced to Future Farmers of America (FFA) and the leadership and career-building opportunities available through participation in the Neosho FFA Chapter. This course is ideal for students who enjoy hands-on learning, working with plants or animals, exploring science, or discovering new career pathways.

1002: Exploring Agriculture II

Program	**Agriculture**
Credit Type	**8th Grade Elective Credit**
Grade	**8**
Length	**1 Semester**

Exploring Agriculture II builds on the foundational knowledge gained in Exploring Agriculture I by offering students an advanced exploration of agricultural careers, industries, and sciences. This course deepens students' understanding of key agricultural pathways while strengthening the technical, analytical, and leadership skills needed for success in agricultural education.

Students will take a closer look at plant and animal science, food science, biotechnology, natural resources, and agricultural mechanics, engaging in hands-on activities, problem-based learning, and real-world applications that extend their prior learning. Emphasis is placed on career readiness, industry awareness, and the development of advanced agriculture skills appropriate for junior high learners.

A key component of this course is preparation for Future Farmers of America (FFA) involvement. Students will learn about a variety of Career Development Events (CDEs) and Leadership Development Events (LDEs) and will participate in mock contests and leadership activities throughout the semester. These experiences equip students with the confidence and skills necessary to excel in FFA competitions and to take on leadership roles within the Neosho FFA Chapter as they progress in their agricultural education.

Exploring Agriculture II is designed for students who are motivated to expand their agricultural knowledge, strengthen their leadership abilities, and further explore the diverse career opportunities within the agricultural industry. This course offers a strong foundation for students who plan to continue in Agriculture Science courses and FFA participation at the high school level.

Prerequisites for this course include the successful completion of Exploring Agriculture I.

1003: Missouri Hunting and Wildlife

Program	**Agriculture**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Missouri Hunting and Wildlife offers students an engaging introduction to the outdoor heritage, ecosystems, and wildlife management practices unique to the state of Missouri. This course provides students the opportunity to complete their Missouri Hunter Safety coursework and certification test, an essential step for individuals wishing to participate in hunting activities across the state.

Throughout the semester, students will learn about the wide variety of Missouri hunting seasons, including species-specific regulations, ethical hunting practices, and conservation principles. Students will also develop skills in identifying Missouri's native plants, trees, wildlife, and fish species, building a strong foundation in ecological awareness and environmental stewardship.

This course is ideal for students who enjoy the outdoors, wildlife, conservation, and hands-on learning.

1004: Introduction to Agriculture Science

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Introduction to Agriculture provides students with a comprehensive introduction to the agricultural industry through engaging lessons, hands-on activities, and laboratory experiences. This foundational course explores major areas of agriculture, including food science, biotechnology, animal science, plant science, natural resources, and agricultural mechanics, giving students a broad understanding of key concepts and career pathways within the field.

Students will also be introduced to Future Farmers of America (FFA) and the leadership and career-building experiences available through membership in the Neosho FFA Chapter. As part of the course, students will learn about core components of agricultural education that support skill development, career exploration, and leadership growth. Membership in the Neosho FFA Chapter is required for all students enrolled in this course.

Agriculture Science I is designed for students who are curious about agriculture, enjoy hands-on learning, and want to explore a wide range of science- and industry-based topics. This course lays the foundation for advanced agricultural coursework and continued involvement in FFA throughout high school.

1005: Agriculture Power and Technology

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Agriculture Power and Technology is designed for second-year agriculture students interested in exploring the broad and growing field of agricultural engineering. This course provides hands-on, skills-based learning experiences that prepare students for the wide array of career opportunities within agricultural power, mechanics, and technology systems.

Students will learn to safely and effectively operate the CNC plasma machine and its accompanying software, gaining valuable experience in precision cutting and fabrication. Throughout the course, students will participate in activities focused on shop safety, tool operation, material selection, fabrication techniques, energy and power systems, machinery management, and emerging agricultural technologies. Emphasis is placed on problem-solving, technical skill development, and real-world application.

This class includes a significant lab component, allowing students to apply their knowledge through hands-on projects and equipment operation. Students will also be required to be active members of the Neosho FFA Chapter, where they will have opportunities to extend their learning through Career Development Events (CDEs), Supervised Agricultural Experiences (SAEs), and leadership activities.

Ag Power and Technology is an excellent course for students interested in mechanics, engineering, fabrication, and the technological innovations shaping modern agriculture.

Prerequisites for this course include the successful completion of Agricultural Science I.

1006: Principles of Animal Sciences

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Principles of Animal Science is designed for second-year agriculture students who are interested in exploring the world of animal agriculture through engaging lessons, hands-on labs, and real-world applications. This course provides a comprehensive introduction to the biological, managerial, and production aspects of livestock and companion animals.

Students will study key areas of animal science, including the history and use of animals, animal handling and safety, nutrition, reproduction, health and disease prevention, and animal products. Through laboratory activities and practical experiences, students will develop essential skills used in the care, management, and evaluation of animals.

As part of the agricultural education experience, students are required to be members of the Neosho FFA Chapter, where they can participate in Career Development Events (CDEs), Supervised Agricultural Experiences (SAEs), and leadership opportunities that complement classroom learning.

Principles of Animal Science is an excellent course for students interested in veterinary science, livestock production, animal biology, or any career related to animal care and management.

Prerequisites for this course include the successful completion of Agricultural Science I.

1007: Principles of Plant Sciences

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Principles of Plant Sciences is designed for second-year agriculture students who are eager to explore the science, technology, and management practices involved in plant growth and production. Through hands-on activities, laboratory investigations, and project-based learning, students will gain a deeper understanding of the role plants play in agriculture, ecosystems, and global food systems.

Areas of study include soils and soil science, plant anatomy and physiology, plant taxonomy and identification, growing environments, plant reproduction, pest management, crop and greenhouse production, and marketing of plant products. The course emphasizes scientific inquiry, problem-solving, and real-world application.

This course includes a significant lab component, allowing students to apply concepts through experiments, plant propagation, soil testing, greenhouse work, and production projects. Students are also required to be active members of the Neosho FFA Chapter, where they can extend their learning through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and leadership opportunities.

Principles of Plant Sciences is ideal for students interested in agronomy, horticulture, greenhouse management, environmental science, or any plant-related agricultural career pathway.

Prerequisites for this course include the successful completion of Agricultural Science I.

1008: Agriculture Communication and Leadership

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**

Agriculture Communications and Leadership is designed to help students develop the communication, leadership, and teamwork skills essential for success in agricultural education, FFA, and future career pathways. Through interactive lessons, speaking opportunities, and team-based activities, students will strengthen their ability to lead, collaborate, and represent the agricultural industry with confidence and professionalism.

Areas of study include public speaking, extemporaneous and impromptu speaking, written communication, interpersonal communication, making strong first impressions, and building effective personal and team goals. Students will also explore strategies for organizing groups to take action, facilitating meetings, and evaluating team or organizational progress.

The course emphasizes hands-on practice, allowing students to engage in real-world leadership scenarios, develop presentations, participate in mock leadership events, and collaborate on agriculture-related communication projects. Students will also enhance their understanding of the role communication plays in advocacy, agricultural literacy, and community engagement.

Agriculture Communications and Leadership is ideal for students interested in leadership roles, public speaking, agricultural advocacy, organizational management, or careers within agricultural communications and education.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

1009: Agriculture Construction I

Program	**Agriculture**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Agriculture Construction I introduces students to the fundamental skills and techniques used in agricultural construction and metal fabrication. Through hands-on instruction and guided practice, students will learn the basics of oxy-acetylene welding, arc welding, and the construction of small-scale metal projects. Emphasis is placed on proper safety procedures, equipment operation, and skill development within a shop environment.

This course includes a significant lab component, allowing students to practice welding techniques, complete fabrication projects, and build confidence in working with tools and materials commonly used in agricultural mechanics. Ag Construction I may be taken concurrently with Agriculture Construction II for students who wish to deepen their construction skills and expand their project capabilities.

Students enrolled in this course are required to be active members of the Neosho FFA Chapter, where they can further develop their skills through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and leadership opportunities.

Ag Construction I is an excellent course for students interested in welding, fabrication, agricultural mechanics, engineering, or technical trades.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. This course can be taken concurrently with Agriculture Construction II.

1010: Agriculture Construction II

Program	**Agriculture**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Agriculture Construction II is an advanced course designed for students who want to further develop their welding and fabrication skills through rigorous, hands-on learning experiences. Building on foundational skills from introductory coursework, students will advance in oxy-acetylene welding, arc welding, MIG welding, TIG welding, and the construction of large-scale metal projects.

Throughout the course, students will complete welding tests in every position using each type of welder, ensuring mastery of industry-relevant techniques and safety practices. Students will also take full responsibility for designing, ordering, purchasing, and constructing a major individualized shop project, applying real-world problem-solving, project planning, and fabrication skills.

Agriculture Construction II includes a significant lab component, providing extensive time for welding practice, equipment operation, and project development. Students enrolled in this course are required to be active members of the Neosho FFA Chapter, where they can extend their technical and leadership skills through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and other FFA activities.

This advanced course is ideal for students interested in welding, metal fabrication, engineering, agricultural mechanics, construction trades, or pursuing industry certifications.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. This course can be taken concurrently with Agriculture Construction I.

1011: Agriculture Personal Finance

Program	**Agriculture** **Business**
Course Credit	**0.5 Personal Finance Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Students enrolled in this course will earn their required Personal Finance credit by learning the knowledge and skills necessary to become financially literate, responsible, and future-ready. This course helps students understand how their financial decisions today influence their future careers, lifestyles, and long-term economic stability.

Throughout the course, students will learn how to make smart financial choices, budget effectively, manage risk, and plan for financial success. Instruction includes topics such as income and careers, banking and financial services, credit and debt

management, saving and investing, taxes, insurance, consumer awareness, and long-range financial planning. All content is taught through an agricultural lens, helping students connect financial concepts to real-world agricultural careers and industry opportunities.

This class will be offered opposite Dual Credit Crowder College Agriculture Economics, allowing students to choose a personal finance pathway that best fits their academic and career goals. Students will also be required to be active members of the Neosho FFA Chapter, where they can apply financial concepts through Supervised Agricultural Experiences (SAEs), leadership roles, and FFA activities.

Prerequisites
Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. Agricultural Personal Finance equips students with essential life skills and meets Missouri's personal finance graduation requirement.

1012: Agriculture Structures I

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Agriculture Structures I introduces students to the essential skills, techniques, and knowledge required for constructing and maintaining agricultural buildings and systems. This hands-on course provides foundational instruction in a variety of structural and mechanical areas commonly used in the agricultural industry.

Students will learn the basics of electrical wiring, electrical motors, concrete and masonry, plumbing and sewage disposal, farm fencing, product handling and processing equipment, and farm building construction. The course may also include basic metal and wood construction skills that are vital for building and repairing agricultural structures.

Through lab-based activities and real-world projects, students will gain practical experience in tool use, material selection, measurement, safety procedures, and problem-solving. Students are responsible for covering the cost of materials for any project(s) they choose to create.

All students enrolled in Agriculture Structures I are required to be active members of the Neosho FFA Chapter, where they can extend their learning through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and leadership opportunities.

This course is ideal for students interested in construction, engineering, agricultural mechanics, or careers related to building and maintaining agricultural facilities.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. Students are responsible for the cost of materials for any project(s) they choose to build.

1013: Agriculture Structures II

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**

Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Agriculture Structures II builds upon the foundational knowledge and skills developed in Agriculture Structures I, offering students advanced, hands-on experience in the construction, maintenance, and improvement of agricultural facilities and systems. This course is designed for students who wish to deepen their technical abilities and explore more complex structural projects.

Students will work with advanced methods of electrical wiring, electrical motors, concrete and masonry, plumbing and sewage disposal, farm fencing systems, product handling and processing equipment, and farm building design and construction. Instruction may also include advanced metal and wood construction skills essential for constructing durable and functional agricultural structures.

Through extensive lab work and project-based learning, students will refine their tool proficiency, safety practices, problem-solving abilities, and understanding of agricultural engineering principles. Students may complete individualized or group construction projects that mirror real-world agricultural needs.

All students enrolled in Agriculture Structures II are required to be active members of the Neosho FFA Chapter, where they will have additional opportunities to apply their skills through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and leadership activities.

This course is ideal for students pursuing careers in agricultural engineering, construction trades, maintenance technology, or any field requiring strong mechanical and structural skills.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. Students are responsible for the cost of materials for any project(s) they choose to build.

1014: Conservation and Natural Resources

Program	**Agriculture**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Conservation and Natural Resources is designed to engage students in the study, protection, and sustainable use of the natural systems that support life and industry. This course prepares students for activities related to the conservation and improvement of essential resources such as soil, water, air, forests, fish, and wildlife. Through hands-on projects and lab-based experiences, students will explore the ecological, economic, and recreational value of Missouri's natural environments.

Students will take part in applied learning activities that may include lure making, introductory taxidermy techniques, outdoor cooking, habitat improvement practices, and other conservation-based skills. Emphasis is placed on understanding ecosystem relationships, environmental stewardship, and responsible management practices that support long-term sustainability.

This course includes a significant lab component, allowing students to apply concepts through fieldwork, experiments, demonstrations, and real-world conservation projects. Students are also required to be active members of the Neosho FFA Chapter, where they can extend their conservation learning through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and leadership opportunities.

Conservation of Natural Resources is ideal for students interested in wildlife management, environmental science, forestry, fisheries, outdoor skills, or natural resource careers.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

1015: Dual Credit Crowder College Agriculture Economics

Program	**Agriculture**
Course Credit	**0.5 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Dual Credit Crowder College Animal Science is an advanced, college-level course designed for students interested in pursuing deeper knowledge of animal agriculture and related career pathways. Through rigorous instruction and hands-on experiences, students will explore the scientific and managerial principles that guide modern livestock and companion animal industries.

Areas of study include animal production systems, management practices, marketing, nutrition, breeding and genetics, production recordkeeping, animal selection, animal health and disease prevention, waste management, and biotechnology applications in animal agriculture. Students will analyze real-world scenarios and develop skills aligned with industry expectations and postsecondary coursework.

Students who meet Crowder College's dual credit requirements may earn four hours of college credit, gaining a strong foundation for future agricultural studies or animal science degrees.

All students enrolled in this course are required to be active members of the Neosho FFA Chapter, where they can participate in leadership opportunities, Supervised Agricultural Experiences (SAEs), and Career Development Events (CDEs) that complement the academic content.

This course is ideal for students interested in veterinary science, livestock production, animal biology, agricultural research, or careers within the animal agriculture industry.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

This course will last a full year. Students will earn a full credit for the course at the high school level and 3 college credit hours for the course, which will be reported on the Fall transcript for Crowder College.

1016: Dual Credit Crowder College Animal Science

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Dual Credit Crowder College Animal Science provides students with an advanced study of the principles and practices of modern animal agriculture. Topics covered in this course include animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology as they relate to livestock and companion animal industries.

Students will deepen their understanding of animal systems through analytical learning, real-world applications, and industry-relevant problem-solving. Those who meet Crowder College's requirements will have the opportunity to earn four hours of college credit, positioning them for success in future agricultural or animal science programs.

Students enrolled in this course are required to be active members of the Neosho FFA Chapter, where they will engage in leadership development, Supervised Agricultural Experiences (SAEs), and Career Development Events (CDEs) that enhance and reinforce classroom instruction.

This course is ideal for students pursuing interests in veterinary science, livestock production, animal health, or agricultural research.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

This course will last a full year. Students will earn a full credit for the course at the high school level and 4 college credit hours for the course, which will be reported on the Fall transcript for Crowder College.

1017: Farm Management Internship

Program	**Agriculture**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

The Farm Management Internship provides students with a unique, hands-on opportunity to apply agricultural knowledge and skills in a real-world setting. Students enrolled in this course will be released during the school day to work directly on the district's School Farm under the supervision of the School Farm Manager.

Throughout the internship, students will learn the foundational principles of farm management, including daily operations, animal care, crop and forage maintenance, facility upkeep, equipment use, and general farm safety. This highly practical experience emphasizes responsibility, problem-solving, and the value of agricultural labor. Students must be willing and able to perform physical work required to keep the School Farm functioning effectively.

Interns will also be required to be active members of the Neosho FFA Chapter, where they can apply their internship experiences to Supervised Agricultural Experiences (SAEs) and participate in leadership and career development opportunities.

The Farm Management Internship is ideal for students interested in production agriculture, agricultural operations, farm management, or careers requiring strong work ethic and hands-on expertise.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

1018: Floriculture

Program	**Agriculture** **Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Floriculture provides students with an in-depth introduction to the floral industry, combining artistic creativity with agricultural knowledge and hands-on design experience. Students will explore a variety of topics, including flower shop operations, floral design history, careers within the floriculture industry, and identification of common floriculture crops.

A major emphasis of the course is on the elements and principles of design, which students will apply through the creation of floral arrangements and other floral art projects. This course includes a significant lab component, allowing students to develop technical skills in arrangement construction, plant care, and floral handling techniques.

All students enrolled in Floriculture are also required to be active members of the Neosho FFA Chapter, where they can participate in floral design competitions, Supervised Agricultural Experiences (SAEs), leadership activities, and Career Development Events (CDEs).

Floriculture is ideal for students who enjoy art, creativity, hands-on projects, plant science, or careers in floral design and the ornamental horticulture industry.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

1019: Food Science and Technology

Program	**Agriculture**
Course Credit	**1.0 Elective Credit**

Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Food Science and Technology introduces students to the scientific, technological, and regulatory foundations of the modern food industry. Through hands-on labs and real-world applications, students will explore the processes and principles that ensure food quality, safety, and innovation from farm to table.

Areas of study include food legislation and history, food chemistry and nutrition, food additives, food packaging and labeling, food microbiology, food and meat processing, food fermentation, sanitation practices, and quality control systems. Students will engage in laboratory investigations to analyze food components, test food safety practices, evaluate product quality, and understand the science behind food production and preservation.

This course contains a significant lab component, providing students with opportunities to apply scientific concepts, operate industry-relevant equipment, and develop problem-solving and analytical skills.

All students enrolled in Food Science and Technology are required to be active members of the Neosho FFA Chapter, where they can extend their learning through Supervised Agricultural Experiences (SAEs), Career Development Events (CDEs), and leadership activities.

Food Science and Technology is ideal for students interested in food safety, product development, nutrition, biotechnology, agricultural research, culinary science, or careers across the food and hospitality industries.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

1020: Greenhouse Operations and Management

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Greenhouse Operations and Management provides students with a foundational understanding of greenhouse production, plant propagation, and facility management. Through hands-on experience and guided instruction, students will learn the techniques and skills necessary to successfully grow and care for greenhouse crops.

Students will explore multiple methods of plant propagation, including cuttings, seeds, grafting, and layering, while developing an understanding of environmental controls, growing media, fertilization, pest management, and crop scheduling. As part of the course, each student will manage their own greenhouse crop, applying classroom knowledge to real-world plant production and decision-making.

This course emphasizes responsibility, scientific inquiry, and practical skill development within a working greenhouse environment. Students will also be required to be active members of the Neosho FFA Chapter, where they can participate in plant science–related SAEs, leadership opportunities, and Career Development Events (CDEs) such as Floriculture and Nursery/ Landscape.

Greenhouse Operations and Management is an excellent course for students interested in horticulture, greenhouse production, botany, agriculture business, or careers in plant science.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Proje

1021: Poultry Production

Program	**Agriculture**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Poultry Production provides students with a comprehensive understanding of the business, science, and management practices involved in modern commercial poultry operations. This course explores both the biological and economic aspects of poultry production, preparing students for potential careers in one of the fastest-growing sectors of animal agriculture.

Students will study key topics such as poultry nutrition, physiology, genetics, health and disease prevention, animal welfare, and poultry product processing. The course emphasizes how these disciplines work together to support efficient management, quality control, biosecurity, and marketing within the poultry industry. Students will examine industry standards, analyze production systems, and explore innovations shaping the future of poultry agriculture.

Through hands-on activities and real-world applications, students will develop a practical understanding of poultry care, housing, environmental management, and recordkeeping.

All students enrolled in Poultry Production are required to be active members of the Neosho FFA Chapter, where they can participate in poultry-related Supervised Agricultural Experiences (SAEs), leadership opportunities, and relevant Career Development Events (CDEs).

This course is ideal for students interested in animal science, agribusiness, poultry management, veterinary science, or careers within commercial poultry production.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

1022: Supervised Agricultural Experience (SAE)

Program	**Agriculture**
Course Credit	**2.0 Up to 2 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**
NCAA	**No**

The Supervised Agricultural Experience (SAE) course provides students with the opportunity to gain real-world, work-based learning experiences in the agricultural industry. Students will complete a cooperative occupational placement at an approved agricultural training site outside of the school campus but during the school day, allowing them to apply classroom knowledge to authentic workplace settings.

Each student must complete a signed training agreement and individualized training plan, outlining responsibilities, competencies to be developed, and expectations for both the student and employer. Through their SAE, students may explore areas such as animal systems, plant systems, agribusiness, mechanics, natural resources, food systems, or other approved agricultural pathways.

This course emphasizes professional growth, employability skills, responsibility, and career exploration while allowing students to earn credit for supervised industry experience. Students must also be concurrently enrolled in another agricultural education course to ensure alignment between classroom instruction and workplace application.

All students participating in an SAE are required to be active members of the Neosho FFA Chapter, where they can document their projects, compete in proficiency award areas, and engage in leadership development opportunities.

The SAE course is ideal for students seeking hands-on experience, career exploration, and meaningful connections to the agricultural workforce.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. Students must be concurrently enrolled in another agricultural education course. Transportation to and from the worksite is the responsibility of the student.

1023: Agriculture Work Based Learning

Program	**Agriculture**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Agriculture Work-Based Learning is a hands-on course designed to connect classroom instruction with real-world agricultural experiences. Students apply technical skills and academic knowledge in authentic agricultural settings through supervised employment, internships, job shadowing, or school- and community-based projects. Learning experiences may take place on farms, in agribusinesses, greenhouses, veterinary or animal science facilities, agricultural mechanics shops, or related industry sites.

Students develop essential employability skills such as professionalism, communication, teamwork, time management, and problem-solving while exploring career pathways in agriculture, food systems, natural resources, and agribusiness. Instruction emphasizes workplace safety, ethical practices, recordkeeping, and career readiness, with ongoing reflection and evaluation to support student growth. This course provides students with meaningful exposure to agricultural careers while strengthening workforce skills aligned to postsecondary education and industry expectations.

Approval for work based learning opportunity is required.

Agriculture Course Pathways

Agriculture Power Pathway

Grade	Course Code	Title	Credits
7	1001	Exploring Agriculture I	
8	1002	Exploring Agriculture II	
9	1004	Introduction to Agriculture Science	1.0
10	1005	Agriculture Power and Technology	1.0

11-12th Grade: Complete at least one course

Grade	Course Code	Title	Credits
	1011	Agriculture Personal Finance	0.5
	1015	Dual Credit Crowder College Agriculture Economics	0.5
	1014	Conservation and Natural Resources	1.0
	1009	Agriculture Construction I	1.0
	1022	Supervised Agricultural Experience (SAE)	2.0
	1008	Agriculture Communication and Leadership	1.0
	1010	Agriculture Construction II	1.0
	1013	Agriculture Structures II	1.0
	1017	Farm Management Internship	0.5
		Total Credits Needed Credits	**4**

Agriculture Plant Pathway

Grade	Course Code	Title	Credits
7	1001	Exploring Agriculture I	
8	1002	Exploring Agriculture II	
9	1004	Introduction to Agriculture Science	1.0
10	1007	Principles of Plant Sciences	1.0

11-12th Grade: Complete at least one course

Grade	Course Code	Title	Credits
	1018	Floriculture	1.0
	1019	Food Science and Technology	1.0
	1011	Agriculture Personal Finance	0.5
	1015	Dual Credit Crowder College Agriculture Economics	0.5
	1014	Conservation and Natural Resources	1.0
	1022	Supervised Agricultural Experience (SAE)	2.0
	1008	Agriculture Communication and Leadership	1.0
	1020	Greenhouse Operations and Management	1.0

	1017	Farm Management Internship	0.5
		Total Credits Needed Credits	**4**

Agriculture Animal Pathway

Grade	Course Code	Title	Credits
7	1001	Exploring Agriculture I	
8	1002	Exploring Agriculture II	
9	1004	Introduction to Agriculture Science	1.0
10	1006	Principles of Animal Sciences	1.0

11-12th Grade: Complete at least one course

Grade	Course Code	Title	Credits
	1019	Food Science and Technology	1.0
	1011	Agriculture Personal Finance	0.5
	1015	Dual Credit Crowder College Agriculture Economics	0.5
	1016	Dual Credit Crowder College Animal Science	1.0
	1014	Conservation and Natural Resources	1.0
	1021	Poultry Production	1.0
	1022	Supervised Agricultural Experience (SAE)	2.0
	1008	Agriculture Communication and Leadership	1.0
	1017	Farm Management Internship	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**4**

Automotive/Diesel Technology

Automotive/Diesel Technology Course Descriptions

9015: Dual Credit Crowder College AUTO-114

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Automotive Fuel and Emissions Systems is a course designed for students preparing for careers in automotive technology or for practicing automotive technicians seeking to expand their technical knowledge. This course focuses on the operation, diagnosis, and service of modern fuel and emissions systems.

Areas of study include engine air and fuel requirements; fuel tanks and lines; evaporative emission controls; fuel pumps and filters; air intake and filtration systems; electronic engine management; and electronic fuel injection systems. Emphasis is placed on emission control technologies and electronic engine management systems used in today's vehicles.

Students will gain hands-on experience through live service and repair activities in the automotive laboratory, reinforcing diagnostic and repair skills in a real-world setting.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

9016: Dual Credit Crowder College AUTO-214

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Automotive Heating and Air Conditioning is a course designed for automotive technology students and practicing automotive technicians. The course provides a general introduction to the principles of automotive heating, ventilation, and air conditioning (HVAC) systems.

Students will study the function and application of major HVAC components and control systems used in automobiles. Emphasis is placed on practical servicing, system diagnostics, overhaul, and replacement of HVAC units. The course also addresses recent changes in refrigerants and proper refrigerant handling procedures in accordance with current industry standards.

Hands-on experience is provided through laboratory activities that reinforce technical knowledge and develop real-world service and repair skills.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of AUTO-114.

9017: Dual Credit Crowder College AUTO-115

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Engine Repair is designed to teach students industry-accepted methods for the service and repair of automotive engines and related systems. Students will study engine overhaul procedures as well as cooling, lubrication, fuel, ignition, and exhaust systems.

Instruction includes proper tool selection, usage, maintenance, and shop safety practices. Emphasis is placed on hands-on learning through live service and repair activities in the engine repair laboratory, allowing students to apply technical knowledge in real-world settings.

This course provides foundational preparation for students pursuing careers in automotive technology or related skilled trades.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of AUTO-214.

9018: Dual Credit Crowder College AUTO-215

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Automotive Emissions Control Systems is a course designed for automotive technology students and practicing automotive technicians. The course provides students with a working knowledge of the diagnosis, operation, and repair of automotive emission control systems.

Emphasis is placed on electronic control systems commonly found in late-model vehicles. Students will develop diagnostic and troubleshooting skills while learning how emissions systems impact vehicle performance and environmental compliance. Hands-on experience is provided through live service and repair activities in the automotive laboratory.

This course prepares students for advanced automotive service work and supports continued training in automotive technology.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of AUTO-115.

12021: Dual Credit Crowder College DIES-124

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Diesel Preventive Maintenance focuses on the essential practices required to keep modern, high-technology diesel equipment operating safely and efficiently in the field and on the road. This course emphasizes the importance of routine inspection and maintenance in extending equipment life and preventing costly repairs.

Students will learn procedures involved in conducting major preventive maintenance inspections, including selection and replacement of filters, evaluation of lubricants, oil sampling techniques, fuel selection, inspection of tire tread wear patterns, and adjustment of key system components. Emphasis is placed on accuracy, safety, and adherence to industry maintenance standards.

This course prepares students for continued training and careers in diesel technology, equipment maintenance, and transportation-related industries.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12022: Dual Credit Crowder College DIES-144

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Diesel Engine Overhaul is designed to introduce students to diesel engines and the processes required to properly disassemble, inspect, and rebuild an engine. This course emphasizes precision, safety, and adherence to industry standards.

Topics include engine disassembly, parts identification, accurate measurement of components, evaluation of part condition and reusability, rebuilding of engine sub-assemblies, and proper engine reassembly procedures. Students will gain hands-on experience using industry tools and equipment while developing technical skills essential for diesel engine service and repair.

This course prepares students for advanced diesel technology training and careers in diesel equipment maintenance and repair.

Prerequisites include the successful completion of DIES-124.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12023: Dual Credit Crowder College DIES-184

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Diesel Electrical Systems focuses on the theory, operation, and testing of electrical systems commonly found on industrial and trucking equipment. This course provides students with foundational and applied knowledge necessary to diagnose and service diesel electrical components.

Topics include basic electricity principles, batteries, circuit types, starting motors, generators, alternators and regulators, as well as lighting and auxiliary circuits. Emphasis is placed on proper testing procedures, troubleshooting techniques, and safe work practices. Students will gain hands-on experience using diagnostic tools and equipment to evaluate and repair electrical systems.

This course prepares students for advanced training and careers in diesel technology, heavy equipment maintenance, and transportation industries.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12024: Dual Credit Crowder College DIES-204

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

NCAA	**No**

Diesel Powertrain Systems examines how engine power is transferred efficiently and effectively through industrial and heavy-duty equipment. This course focuses on the theory, operation, and service of powertrain systems used in diesel and industrial applications.

Students will study components such as clutches, mechanical transmissions, hydraulic-assist transmissions, differentials, final drives, and related drive systems. Instruction includes the examination of critical adjustments such as end play, backlash, and preload, as well as the selection and use of lubricants and fluids for both lubrication and fluid drive systems. Emphasis is placed on understanding system function, proper adjustment, and maintenance practices.

This course prepares students for advanced training and careers in diesel technology, heavy equipment maintenance, and industrial mechanics.

Prerequisites for this course include the successful completion of DIES-184.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12025: Dual Credit Crowder College DIES-234

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Automotive Air Conditioning Systems examines the theory and operation of air conditioning systems used in automotive equipment. This course provides students with an understanding of how climate control systems function to maintain comfort and efficiency in vehicles.

Students will study basic system components, controls, and air movement devices. Instruction also includes troubleshooting techniques, system testing, and the safe use of specialized tools such as pressure gauge sets and refrigerant recovery equipment. Emphasis is placed on safety, proper handling of refrigerants, and industry-standard service procedures.

This course prepares students for advanced automotive service training and careers in automotive technology and HVAC-related fields.

Prerequisites for this course include the successful completion of DIES-204.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12026: Dual Credit Crowder College DIES-244

Program	**Automotive/Diesel Technology**
Course Credit	**0.5 Elective Credit**

Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Diesel Technology Internship provides students with supervised, on-the-job experience at an approved training site. This internship allows students to apply and practice the skills and knowledge gained in previous diesel technology coursework in a real-world setting.

The internship is completed during the summer or during the school year at the Neosho School District Bus Barn. Students will assist with maintenance and upkeep of district buses, gaining hands-on experience in inspection, preventive maintenance, repairs, and shop procedures. The internship is supervised by the instructor, who will meet with students one period per week to monitor progress and provide guidance.

This course supports career readiness by reinforcing technical skills, professionalism, safety practices, and workplace responsibility in a diesel maintenance environment.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Business

Business Course Descriptions

1011: Agriculture Personal Finance

Program	**Agriculture** **Business**
Course Credit	**0.5 Personal Finance Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Students enrolled in this course will earn their required Personal Finance credit by learning the knowledge and skills necessary to become financially literate, responsible, and future-ready. This course helps students understand how their financial decisions today influence their future careers, lifestyles, and long-term economic stability.

Throughout the course, students will learn how to make smart financial choices, budget effectively, manage risk, and plan for financial success. Instruction includes topics such as income and careers, banking and financial services, credit and debt management, saving and investing, taxes, insurance, consumer awareness, and long-range financial planning. All content is taught through an agricultural lens, helping students connect financial concepts to real-world agricultural careers and industry opportunities.

This class will be offered opposite Dual Credit Crowder College Agriculture Economics, allowing students to choose a personal finance pathway that best fits their academic and career goals. Students will also be required to be active members of the Neosho FFA Chapter, where they can apply financial concepts through Supervised Agricultural Experiences (SAEs), leadership roles, and FFA activities.

Prerequisites
Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project. Agricultural Personal Finance equips students with essential life skills and meets Missouri's personal finance graduation requirement.

2001: Business Exploration

Program	**Business**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Business Exploration provides junior high students with an introduction to the skills and concepts needed for success in the workplace and in future business courses. This semester-long class balances professional skills, basic business concepts, employability, and hands-on projects.

Students will explore business foundations—such as goods and services, business departments, supply and demand, marketing, financial literacy, and entrepreneurship—while also developing workplace readiness skills including job applications, résumés, cover letters, interview preparation, professional communication, and teamwork.

Projects and activities may include career interest surveys, branding challenges, financial simulations, mock job applications, and a culminating project such as a business plan, classroom business, or career pathway portfolio. Students will also be introduced to FBLA (Future Business Leaders of America) and its opportunities.

This course provides a practical, engaging overview of the business world and equips students with essential skills for high school CTE pathways and future career success.

2002: Introduction to Business

Program	**Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Introduction to Business is designed to acquaint students with the fundamental principles of the business world and provide a strong foundation for future business and marketing coursework. Students will explore basic economic concepts, the process of owning and operating a business, and the ways in which a global society influences business decisions.

Course content includes an examination of the American economic system, the essential elements of business ownership and entrepreneurship, and fundamental concepts in marketing, finance, and human resource relations. Students will also learn how businesses are structured, how products and services are marketed, and how organizations manage people and resources effectively.

Through real-world examples, discussions, and hands-on activities, students will develop a practical understanding of how businesses function and the role they play in the economy. This course serves as an excellent introduction for students interested in business, marketing, entrepreneurship, or career and technical education pathways.

2003: Business Communication

Program	**Business** **Speech and Debate**
Course Credit	**0.5 Speech Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Business Communication prepares students to communicate effectively and professionally in today's workplace. This course emphasizes the development of clear, concise, and purposeful communication skills essential for success in business, postsecondary education, and future careers.

Students will learn and practice a variety of communication formats, including professional emails, business letters, résumés, cover letters, reports, presentations, and interpersonal communication. Instruction includes both written and oral communication, with a focus on grammar, tone, organization, and clarity.

The course also covers key workplace communication concepts such as active listening, team communication, digital etiquette, customer service interactions, conflict resolution, and professional conduct. Students will participate in activities such as mock interviews, collaborative projects, and professional correspondence simulations.

By the end of the course, students will have developed strong foundational communication skills that will support them in any career field, leadership role, or postsecondary pathway.

This course can count for a practical art credit or for a speech credit.

2004: Accounting I

Program	**Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Accounting I is designed to build a foundational understanding of manual and automated accounting principles, concepts, and procedures used in business and industry. This course introduces students to the financial processes that support decision-making and organizational success.

Students will engage in hands-on activities that include using the accounting equation, completing the accounting cycle, entering transactions into journals, posting to ledgers, and preparing end-of-period financial statements and reports. Additional topics include payroll systems, banking activities, tax calculations, and other essential accounting tasks.

Through practical exercises, simulations, and real-world applications, students will develop accuracy, attention to detail, and problem-solving skills. Accounting I provides a strong foundation for students interested in business, finance, entrepreneurship, or advanced accounting coursework.

Prerequisites for this course include successful completion of Introduction to Business. Students enrolled in this course may be required to take a district approved Industry Recognized Credential (IRC) exam. Students who have completed 3 hours in a business curriculum pathway will take the IRC before the end of the current year.

2005: Accounting II

Program	**Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**
NCAA	**No**

Accounting II is designed to help students acquire a more thorough and in-depth understanding of accounting procedures and techniques used in solving business problems and making financial decisions. Building on the foundational skills learned in Accounting I, this course emphasizes advanced applications and analysis of financial information.

Students will develop skills in analyzing and interpreting accounting data related to partnerships and corporations, preparing formal financial statements and supporting schedules, and applying inventory and budgetary control systems. Emphasis is placed on using accounting information to evaluate business performance and inform decision-making.

Computer applications are integrated throughout the course, allowing students to use industry-relevant software and technology to complete accounting tasks, analyze data, and produce financial reports. Through hands-on practice and real-world scenarios, students will strengthen their accuracy, critical thinking, and problem-solving skills.

Accounting II is ideal for students pursuing careers or further study in accounting, finance, business management, or entrepreneurship.

Prerequisites for this course include the successful completion of Accounting I. Students may be required to take a district approved Industry Recognized Credential (IRC) exam. Students who have completed 3 credit hours in a curriculum pathway will tak ethe IRC before the end of the current year.

2006: Personal Finance

Program	**Business**
Course Credit	**0.5 Personal Finance Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Personal Finance is based on the Missouri Personal Finance Competencies and provides students with the essential knowledge and skills needed to make informed decisions about real-world financial issues. This course prepares students to navigate personal and professional financial responsibilities with confidence.

Students will explore how financial choices influence career options, future earning potential, and lifestyle decisions. Instruction emphasizes applying decision-making skills to evaluate career pathways, set personal and financial goals, and plan for long-term success.

Course content focuses on developing responsible financial habits, including wise spending, saving, budgeting, investing, and credit management. Students will learn how to effectively use income, manage risk, and make sound financial decisions that support personal financial stability and success.

Personal Finance equips students with practical, lifelong skills and fulfills the graduation requirement for financial literacy.

2007: AP Personal Finance

Program	**Business**

Course Credit	**0.5 Personal Finance Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

AP Personal Finance is based on the Missouri Personal Finance Competencies and provides students with the essential knowledge and skills needed to make informed decisions about real-world financial issues. This advanced course prepares students to navigate both personal and professional financial responsibilities with confidence while applying higher-level reasoning and analysis.

Students will explore how financial choices influence career options, future earning potential, and lifestyle decisions. Instruction emphasizes applying decision-making skills to evaluate career pathways, set personal and financial goals, and plan strategically for long-term success.

Course content focuses on developing responsible financial habits, including wise spending, saving, budgeting, investing, and credit management. Students will learn how to effectively use income, manage risk, analyze financial products, and make sound financial decisions that support long-term financial stability and success.

Through real-world scenarios, data analysis, discussion, and project-based learning, students will develop the critical thinking skills necessary for college, careers, and independent living.

AP Personal Finance equips students with practical, lifelong financial skills while fulfilling the district's graduation requirement for financial literacy and offering an academically rigorous pathway for motivated learners.

Students are financially responsible for AP exam fees. This course is weighted only if the student completes the AP exam at the end of the semester. If a student opts not to take the AP exam, the course will hold a regular GPA weight.

2008: Dual Credit Crowder College Personal Finance

Program	**Business**
Course Credit	**0.5 Personal Finance Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Crowder College Personal Finance is based on the Missouri Personal Finance Competencies and provides students with the essential knowledge and skills needed to make informed decisions about real-world financial issues. This course prepares students to navigate personal and professional financial responsibilities with confidence.

Students will explore how financial choices influence career options, future earning potential, and lifestyle decisions. Instruction emphasizes applying decision-making skills to evaluate career pathways, set personal and financial goals, and plan for long-term success.

Course content is designed to help students manage everyday financial responsibilities and long-term planning, including taxes, insurance, budgeting, saving, borrowing, credit management, investing, Social Security, estate planning, and major purchases such as buying a home or automobile. Students will learn how to effectively use income, manage risk, and make sound financial decisions that support personal financial stability and success.

Consumer Finance equips students with practical, lifelong financial skills and fulfills the district's graduation requirement for financial literacy.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2009: Business Law

Program	**Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Business Law is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, and employees. Through the study of personal, business, and consumer law, students will gain an understanding of how laws shape economic activity and everyday decision-making.

Course content includes an overview of the American system of free enterprise, private property rights, and the basic elements of contracts. Students will also explore employer–employee relations, landlord and tenant laws, individual rights, wills and estates, family and juvenile justice law, and community property concepts.

Using real-world examples, case studies, and discussions, students will analyze legal scenarios and develop skills in critical thinking, ethical reasoning, and informed decision-making. Business Law provides a strong foundation for students interested in business, law, criminal justice, public service, or any career that requires an understanding of legal responsibilities and rights.

Prerequisites for this course include the successful completion of Introduction to Business.

2010: Entrepreneurship

Program	**Business**
Course Credit	**0.5 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**

Marketing is designed to help students develop a strong understanding of the marketing world and the fundamental processes businesses use to promote products and services. This course builds on business foundations and supports students interested in owning, operating, or growing a business.

Instruction includes marketing basics, target markets, the economics of marketing, branding and promotion, advertising and commercials, and the impact of social media and digital platforms on modern marketing strategies. Students will analyze how businesses identify customer needs, create value, and communicate effectively with consumers.

A key focus of the course is understanding how marketing supports business growth, including strategies for branding, increasing sales, and expanding market reach, particularly for new or small businesses. Through projects, simulations, and real-world examples, students will apply marketing concepts to practical business scenarios.

Marketing is ideal for students interested in entrepreneurship, advertising, social media, sales, or business management and provides a strong foundation for advanced marketing and business coursework.

Prerequisites for this course include successful completion of Introduction to Business. Students may be required to take a district approved Industrial Recognized Credential (IRC) exam upon completion of the course. Students who have completed 3 credit hours in a business pathway will take the IRC before the end of the current year.

2011: Business Management

Program	**Business**
Course Credit	**0.5 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Business Management is designed to help students develop an understanding of the skills and resources needed to effectively manage a business. This course provides a comprehensive overview of how businesses operate within the American economic system and prepares students for leadership roles in business and industry.

Instruction includes the study of forms of business ownership, personnel and human resource management, labor–management relations, public and human relations, taxation, and government regulations that affect business operations. Students will explore how management decisions impact productivity, profitability, and organizational success.

The course also introduces the use of computers and business software as decision-making tools in areas such as accounting, sales analysis, and inventory control. Through real-world scenarios, projects, and simulations, students will apply management concepts while developing problem-solving, communication, and leadership skills.

Business Management is ideal for students interested in entrepreneurship, leadership, business administration, or preparing for advanced business and management coursework.

Prerequisites for this course include successful completion of Introduction to Business.

2012: Marketing

Program	**Business**
Course Credit	**0.5 Practical Arts Credit**

Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Marketing is designed to help students develop an understanding of the marketing world and the fundamental processes businesses use to promote products and services. Students will explore marketing basics, target markets, the economics of marketing, branding and promotion, commercials and advertising, and the impact of social media and digital platforms on modern marketing.

Through real-world examples and hands-on activities, students will learn how businesses identify customer needs, communicate value, and build brand awareness. This course provides a strong foundation for students interested in marketing, advertising, entrepreneurship, or business-related careers.

Prerequisites for this course include the successful completion of Introduction to Business.

2013: Dual Credit Crowder College Computer Applications

Program	**Business**
Course Credit	**0.5 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

This course introduces students to essential computer and business technology skills used in academic and professional environments. Students will develop proficiency in word processing, database management, spreadsheet applications, and presentation software through hands-on instruction and real-world tasks.

Learning is enhanced through the use of current business software and extensive practice with PC-compatible computers. Students will work with Microsoft Office applications, including Word, Excel, Access, and PowerPoint, to create documents, analyze data, manage information, and deliver professional presentations.

Students must have access to the version of Microsoft Office used at Crowder College, as the course aligns with postsecondary expectations. The software used in this course is best suited for a Windows-based environment.

This course prepares students with practical technology skills that support success in business, college coursework, and future careers.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2014: Dual Credit Crowder College Introduction to Graphics Software

Program	**Business**

Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Intro to Graphics Software introduces students to the fundamental concepts and techniques of typography and graphic design. Students will explore the principles of design—such as balance, contrast, alignment, repetition, and hierarchy—to create visually effective layouts that attract intended audiences and communicate clear messages.

Through hands-on projects, students will learn to use various graphic design software programs to produce digital designs for print and online media. Emphasis is placed on organization, creativity, and purposeful design choices that result in professional-quality work.

Upon successful completion of the course, students will have the opportunity to earn an Industry Recognized Credential (IRC), helping prepare them for future coursework, career pathways, and opportunities in graphic design, marketing, media, and related fields.

This course is ideal for students interested in creativity, visual communication, and technology-driven design careers.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2015: Dual Credit Crowder College Applied Graphic Design and Media Campaign Strategies

Program	**Business**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

In this course, students apply graphic design principles and digital media marketing strategies through the creation, branding, and promotion of a real-world project. Students will integrate visual design, messaging, and marketing techniques to develop content that effectively reaches and engages target audiences across digital platforms.

Through hands-on projects, students gain experience in design software, branding, advertising, and promotional strategies while developing creative, technical, and professional skills aligned with careers in graphic design, marketing, and media production.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2016: Dual Credit Crowder College Business Ethics

Program	**Business**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Business Ethics focuses on the ethical dilemmas faced by individuals and organizations in the modern business environment. Students will examine how values, laws, and ethical frameworks influence decision-making in business and the broader economy.

The course introduces methods for evaluating ethical alternatives and applying ethical reasoning to real-world scenarios. Students will analyze case studies involving corporate responsibility, workplace ethics, consumer protection, sustainability, digital citizenship, and social responsibility.

Emphasis is placed on helping students apply ethical decision-making strategies to personal situations as well as preparing them to lead and manage organizations responsibly. Through discussion, reflection, and problem-solving activities, students will develop the skills needed to make thoughtful, ethical choices in business and professional settings.

Business Ethics is ideal for students interested in leadership, management, entrepreneurship, law, or any career that requires strong ethical judgment and integrity.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2017: Dual Credit Crowder College Business Law

Program	**Business**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Business Law covers the legal principles that operate in common business situations. Students will study the law of contracts, agency, and business organizations, gaining an understanding of how legal rules guide business relationships and decision-making.

Through real-world examples and case studies, students will examine legal responsibilities, rights, and ethical considerations faced by businesses and individuals. This course provides a strong foundation for students interested in business, law, management, or entrepreneurship.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2018: Leadership in the Workplace

Program	**Business**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester (Spring Only)**
NCAA	**No**

Workplace Leadership prepares students to develop the skills and mindset necessary to lead effectively in professional environments. This course focuses on building leadership competencies that support success across a wide range of careers and industries.

Students will explore leadership styles, communication strategies, team building, decision-making, and conflict resolution as they relate to the workplace. Emphasis is placed on ethical leadership, professionalism, accountability, and the ability to motivate and guide others toward shared goals.

Through case studies, role-playing scenarios, collaborative projects, and self-reflection, students will practice leading teams, managing responsibilities, and responding to real-world workplace challenges. Students will also examine the differences between leading and managing, and how effective leaders adapt to diverse work environments.

Workplace Leadership equips students with transferable skills essential for career readiness, management roles, and long-term professional growth.

Prerequisites for this course include Introduction to Business.

2019: Graphic Arts I

Program	**Business**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Graphic Arts I introduces students to the fundamental concepts and skills of visual communication and graphic design. This course focuses on creativity, technical skill development, and understanding how design is used to communicate messages effectively across print and digital media.

Students will explore the elements and principles of design, typography, color theory, and layout techniques while learning to use industry-relevant graphic design software. Through hands-on projects, students will create designs such as logos, posters, digital graphics, and promotional materials.

Emphasis is placed on developing design thinking, attention to detail, and problem-solving skills, as well as understanding how to design for specific audiences and purposes. Students will also practice basic project management skills, including meeting deadlines and revising work based on feedback.

Graphic Arts I provides a strong foundation for advanced graphic design, digital media, marketing, and visual arts courses and is ideal for students interested in creative and technology-driven career pathways.

Prerequisites for this course include Introduction to Business.

2020: Graphic Arts II

Program	**Business**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Graphic Arts II builds upon the foundational skills developed in Graphic Arts I and offers students advanced opportunities to refine their design, technical, and creative abilities. This course emphasizes higher-level application of graphic design principles, typography, layout, and visual communication across both print and digital media.

Students will work with advanced features of industry-standard design software to create professional-quality projects such as branding packages, marketing materials, digital media content, and client-based designs. Instruction focuses on design for specific audiences, effective visual storytelling, and problem-solving through creative processes.

Students will also develop skills in project management, collaboration, and professional critique, preparing them for real-world design environments. Emphasis is placed on meeting deadlines, revising work based on feedback, and maintaining quality standards.

Graphic Arts II prepares students for advanced coursework, industry credentials, internships, and career pathways in graphic design, digital media, marketing, and related creative industries.

Prerequisites for this course include successful completion of Graphic Arts I.

2021: Dual Credit Crowder College Principles of Management

Program	**Business**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

NCAA	**No**

Principles of Management is an introductory course that explores how organizations of various sizes are effectively managed. The course focuses on the four core management functions—planning, organizing, leading, and controlling—and how these functions are applied in real-world business environments.

Students will examine how managers make decisions, coordinate resources, motivate employees, and evaluate performance while responding to the constant changes in the workplace and competitive environment. Topics include organizational structure, leadership styles, communication, teamwork, productivity, and problem-solving.

Through case studies, simulations, and collaborative activities, students will develop a practical understanding of management principles and build skills applicable to leadership, business, and career pathways.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

2022: Sports and Entertainment Marketing

Program	**Business**
Course Credit	**0.5 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Sports & Entertainment Marketing focuses on the marketing and management functions used in industries centered on sports, entertainment, and leisure activities. This course explores how businesses promote events, products, and services designed to engage audiences and enhance recreational and cultural experiences.

Students will examine marketing strategies related to amateur and professional sports, sporting and entertainment events, and organizations involved in the selling or renting of recreational and sporting equipment. The course also covers products and services connected to hobby, cultural, and entertainment-based businesses that satisfy the desire for productive and enjoyable use of leisure time.

Instruction includes topics such as branding, sponsorships, promotions, ticket sales, event marketing, customer experience, and social media engagement. Through projects and real-world examples, students will analyze how marketing decisions influence fan engagement, revenue generation, and brand loyalty.

Sports & Entertainment Marketing is ideal for students interested in careers in sports management, event planning, marketing, media, recreation, or entertainment industries.

Prerequisites for this course include the successful completion of Introduction to Business and Marketing.

2023: AP Macroeconomics

Program	**Business**
Course Credit	**1.0 Practical Arts Credit**

Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on national income and price-level determination while examining how overall economic performance is measured and evaluated. Students explore the roles of the financial sector, stabilization policies, economic growth, and international economics. Throughout the course, students learn to use graphs, charts, and data to analyze, describe, and explain key economic concepts, building critical thinking and analytical skills that prepare them for advanced study in economics and related fields.

2026: Marketing Research

Program	**Business**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Marketing Research introduces students to the methods and tools businesses use to gather, analyze, and interpret data to make informed marketing decisions. This course focuses on understanding consumer behavior, market trends, and the effectiveness of marketing strategies.

Students will learn how to design surveys, conduct research, collect and analyze data, and interpret findings to support business decision-making. Topics include primary and secondary research methods, sampling techniques, data analysis, market segmentation, and ethical considerations in research.

Through hands-on projects and real-world applications, students will apply research findings to develop marketing recommendations, evaluate branding and advertising efforts, and assess customer needs. Students may use digital tools and software to organize data and present results effectively.

Marketing Research is ideal for students interested in marketing, business analytics, entrepreneurship, or careers that require data-driven decision-making and consumer insight.

Prerequisites for this course include the successful completion of Marketing.

2028: Business Work Based Learning

Program	**Business**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**No**

Business Work-Based Learning (WBL) integrates classroom instruction with real-world work experiences to prepare students for college, careers, and workforce success. Aligned with Missouri Work-Based Learning (WBL) standards, this course allows students to apply academic and technical business knowledge in authentic workplace settings while developing employability and career-readiness skills.

Students may participate in approved internships, apprenticeships, job shadowing, paid or unpaid work experiences, and industry-based learning opportunities related to business, marketing, finance, management, entrepreneurship, and other career and technical education (CTE) or emerging industry pathways. Experiences are coordinated in partnership with local employers, Workforce Development Boards, and the Missouri Department of Elementary and Secondary Education (DESE).

Through structured work experiences and guided reflection, students will develop skills in professional communication, teamwork, time management, problem-solving, workplace ethics, and leadership. Classroom components support career exploration, résumé development, interview skills, goal setting, and evaluation of workplace performance.

Students may also have opportunities to earn industry-recognized credentials, such as the Missouri Career Readiness Certificate (MoCRC), and build professional networks that support postsecondary education, training, or immediate employment.

Each student must have a signed training agreement and individualized learning plan, outlining workplace expectations, learning objectives, and evaluation criteria. Ongoing supervision and assessment ensure alignment between classroom instruction and workplace learning.

Business Work-Based Learning provides students with meaningful, hands-on experiences that strengthen career readiness, support CTE pathways, and create direct connections between education and Missouri's workforce needs.

Instructor approval required.

2028: Marketing Work Based Learning

Program	**Business**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Marketing Work-Based Learning (WBL) integrates classroom instruction with real-world work experiences to prepare students for college, careers, and workforce success. Aligned with Missouri Work-Based Learning (WBL) standards, this course allows students to apply academic and technical business knowledge in authentic workplace settings while developing employability and career-readiness skills.

Students may participate in approved internships, apprenticeships, job shadowing, paid or unpaid work experiences, and industry-based learning opportunities related to business, marketing, finance, management, entrepreneurship, and other career and technical education (CTE) or emerging industry pathways. Experiences are coordinated in partnership with local employers, Workforce Development Boards, and the Missouri Department of Elementary and Secondary Education (DESE).

Through structured work experiences and guided reflection, students will develop skills in professional communication, teamwork, time management, problem-solving, workplace ethics, and leadership. Classroom components support career exploration, résumé development, interview skills, goal setting, and evaluation of workplace performance.

Students may also have opportunities to earn industry-recognized credentials, such as the Missouri Career Readiness Certificate (MoCRC), and build professional networks that support postsecondary education, training, or immediate employment.

Each student must have a signed training agreement and individualized learning plan, outlining workplace expectations, learning objectives, and evaluation criteria. Ongoing supervision and assessment ensure alignment between classroom instruction and workplace learning.

Marketing Work-Based Learning provides students with meaningful, hands-on experiences that strengthen career readiness, support CTE pathways, and create direct connections between education and Missouri's workforce needs.

Instructor approval required.

2029: Wildcat Student Operated Business

Program	**Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Wildcat Student-Operated Business provides students with a hands-on, real-world business experience through Corner Cat Graphic, the student-run school business at Neosho High School. In this course, students apply design, production, and business principles while operating a functioning enterprise.

Students use their creative and technical skills to design, produce, and market items such as banners, posters, plaques, printed apparel, trophies, and other school spirit products. Products are sold through a student-operated online webstore, giving students experience in e-commerce, order fulfillment, customer service, and quality control.

In addition to technical production skills, the course emphasizes essential workplace soft skills, including teamwork, communication, time management, problem-solving, and professionalism. Students collaborate to meet deadlines, manage inventory, respond to customer needs, and maintain high standards of product quality.

Wildcat Student-Operated Business prepares students for careers in entrepreneurship, graphic design, marketing, and business operations while providing authentic experience in running a real business.

Prerequisites for this course include the successful completion of Marketing or Entrepreneurship.

14007: Graphic Design

Program	**Multimedia** **Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**No**

This course is an introduction to graphic design with a primary focus on the practical application of design principles and tools. Students will learn the "how" of graphic design by creating original work using Adobe Illustrator, Adobe Photoshop, and Adobe InDesign, which are industry-standard software programs.

Instruction includes an overview of the elements and principles of design to help students understand what makes effective visual communication. This course provides a strong foundation for further study in web design, digital art, multimedia, and other advanced technology and design courses.

Prerequisites for this course include the successful completion of Introduction to Business or Introduction to Multimedia.

14008: Dual Credit Crowder College Introduction to Public Relations and Digital Marketing

Program	**Business** **Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

This course introduces students to the theory and principles of public relations and the best practices of digital marketing strategies used in today's online environment. Students will examine how organizations build relationships with the public, manage brand image, and communicate effectively with target audiences.

Instruction focuses on strategies for reaching the e-consumer, including social media engagement, online branding, content strategy, audience targeting, and reputation management. Through real-world examples and applied projects, students will learn how public relations and digital marketing work together to influence perception and drive engagement in digital spaces.

This course is ideal for students interested in marketing, communications, media, public relations, and digital business careers.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

14009: Dual Credit Crowder College Introduction to Digital Media Content Creation

Program	**Business** **Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

NCAA	**No**

Introduction to Digital Media Content Creation introduces students to the creation and management of digital content used in modern marketing and communication. Students will produce a variety of media, including podcasts, videos, blogs, and social media content, while learning how digital platforms are used to engage audiences and promote messages.

Students will develop skills in planning, organizing, creating, and analyzing digital content as part of a cohesive digital marketing campaign. Instruction includes understanding audience engagement, storytelling, branding, and the use of analytics to measure the effectiveness of content marketing strategies across multiple online platforms.

Through hands-on projects and real-world applications, students will gain experience with content creation tools, collaboration, and strategic decision-making. This course provides a strong foundation for students interested in digital media, marketing, communications, and creative technology careers.

Prerequisites for this course include the successful completion of Introduction to Public Relations and Digital Media Marketing.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

14010: Dual Credit Crowder College Social Media Strategies

Program	**Business** **Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Social Media Strategies is an advanced course focused on digital media content creation and the strategic use of social platforms for marketing and communication. Students will design, produce, and manage comprehensive social media campaigns that include podcasts, video production, visual communication, and written social media content.

Students will learn how to plan and execute media marketing campaigns across a variety of social media platforms, emphasizing audience engagement, branding, storytelling, and ethical digital practices. Instruction also includes analyzing engagement metrics, refining strategies based on data, and understanding platform-specific best practices.

Through hands-on projects and real-world applications, students will develop advanced skills in content creation, collaboration, and digital strategy, preparing them for careers in social media marketing, digital media, communications, and related fields.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Banking and Financial Services: Banking and Financial Services

Program	**Business**

Course Credit	**1.0 Elective Credit**

Finance Work Based Learning: Finance Work Based Learning

Program	**Business**
Course Credit	**1.0 Elective Credit**

Business Course Pathways

Business

Grade	Course Code	Title	Credits
7	2001	Business Exploration	
8	2001	Business Exploration	
9	2002	Introduction to Business	1.0
10		Business Communication and Personal Finance or AP Personal Finance or Dual Credit Personal Finance	0.5-1.0
11	2009	Business Law	1.0
12	2018	Leadership in the Workplace	1.0
12	2028	Business Work Based Learning	1.0
		Total Credits Needed Credits	**5**

Accounting

Grade	Course Code	Title	Credits
7	2001	Business Exploration	
8	2001	Business Exploration	
9	2002	Introduction to Business	1.0
10		Business Communication and Personal Finance or AP Personal Finance or Dual Credit Personal Finance	0.5-1.0
11	2004	Accounting I	1.0
11	2005	Accounting II	1.0
		Total Credits Needed Credits	**4-4**

Marketing

Grade	Course Code	Title	Credits
7	2001	Business Exploration	
8	2001	Business Exploration	
9	2002	Introduction to Business	1.0
10		Business Communication and Personal Finance or AP Personal Finance or Dual Credit Personal Finance	0.5-1.0
11	2012	Marketing	0.5
11	2022	Sports and Entertainment Marketing	0.5

12	2026	Marketing Research	1.0
	2028	Marketing Work Based Learning	1.0
		Total Credits Needed Credits	**5**

Wildcat Student Operated Business

Grade	Course Code	Title	Credits
7	2001	Business Exploration	
8	2001	Business Exploration	
9	2002	Introduction to Business	1.0
10		Business Communication and Personal Finance or AP Personal Finance or Dual Credit Personal Finance and Graphic Design I	1.0
11		Marketing or Entrepreneurship and Graphic Design II	0.5-1.0
12	2018	Leadership in the Workplace	1.0
12	2029	Wildcat Student Operated Business	1.0
		Total Credits Needed Credits	**5**

	Total Credits	**5**

Criminal Justice

Criminal Justice Course Descriptions

9002: Criminal Justice Fundamentals

Program	**Criminal Justice**
Course Credit	**1.0 Elective Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Criminal Justice Fundamentals is an introductory course designed to provide high school students with an overview of the criminal justice system in the United States. Students will explore the structure, roles, and responsibilities of law enforcement, the courts, and corrections, as well as how these components work together to uphold laws and protect society.

The course examines key topics such as constitutional rights, due process, criminal law, ethics, crime prevention, and the impact of crime on individuals and communities. Students will also explore career pathways within the criminal justice field, including law enforcement, legal professions, corrections, forensics, and public service.

Emphasis is placed on critical thinking, ethical decision-making, civic responsibility, and real-world applications. This course provides a strong foundation for students interested in pursuing further study or careers in criminal justice, law, or public safety.

9003: Criminal Justice Year II

Program	**Criminal Justice**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Criminal Justice II is an advanced course that expands upon the concepts and foundations introduced in Criminal Justice I. Students will take a deeper look at the legal system, criminal procedures, and the real-world application of laws and policies within the criminal justice system.

This course explores advanced topics such as criminal investigation, forensic science, juvenile justice, corrections, victim advocacy, and contemporary issues in criminal justice. Students will analyze case studies, evaluate ethical dilemmas, and examine how laws, policies, and procedures impact individuals and communities.

Emphasis is placed on critical thinking, problem-solving, communication skills, and career readiness. Students will further explore postsecondary pathways and careers in law enforcement, legal studies, corrections, forensic science, and public service. This course prepares students for continued study in criminal justice or related fields.

Prerequisites for this course include the successful completion of Criminal Justice Fundamentals.

9004: Dual Credit Crowder College CJ-101

Program	**Criminal Justice**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Criminal Justice I is an introductory course that examines the history, nature, structure, and function of the criminal justice system in the United States. Students will explore how the system operates and how its components work together to administer justice.

The course includes an overview of law enforcement, the court system, and correctional agencies, including probation and parole. Emphasis is placed on understanding roles, processes, and responsibilities within each area of the justice system. This course provides a foundational understanding for students interested in careers or further study in criminal justice, law, or public service.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for the course include the successful completion of Criminal Justice Year II.

9005: Dual Credit Crowder College CJ-265

Program	**Criminal Justice**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Criminal Justice: Ethics examines the ethical considerations and moral challenges faced by practitioners within the criminal justice system. Students will explore how ethical decision-making influences professional conduct across all areas of the justice system.

Areas of emphasis include determining moral behavior; developing ethical reasoning; ethics in law enforcement, the courts, and corrections; and the ethics of punishment. Additional topics include policy and management issues, professionalism, accountability, and the role of personal and organizational integrity in criminal justice careers.

Through discussion, case studies, and analysis of real-world scenarios, students will develop a deeper understanding of ethical responsibility, professional standards, and the importance of ethical leadership in the administration of justice.

Prerequisites

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit. Prerequisites for the course include the successful completion of Criminal Justice 101 (CJ-101).
Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

9006: Dual Credit Crowder College CJ-200

Program	**Criminal Justice**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
NCAA	**No**

Criminal Justice: Criminal Investigations examines the concepts and practices of criminal investigative work from its early history to modern investigative methods. Students will explore the evolution of criminal investigation and the role it plays within the criminal justice system.

Areas of emphasis include the history of criminal investigation; identification, documentation, and collection of physical evidence; statutory guidelines; the role of the criminal investigator as a witness; and investigative methods used for different types of felony crimes. Students will analyze case studies and learn how investigative procedures support ethical, legal, and effective law enforcement practices.

This course is designed for students interested in advanced study or careers in criminal justice, law enforcement, forensic science, or related fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for the course include the successful completion of Criminal Justice 265 (CJ-265).

9007: Dual Credit Crowder College CJ-210

Program	**Criminal Justice**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Criminal Justice: Criminal Procedure examines the U.S. Constitution, court cases, statutes, and other regulatory sources that govern criminal procedure. Students will analyze how these legal frameworks shape criminal law and the administration of justice.

The course focuses on key procedural issues, including search and seizure, interrogations and confessions, grand jury investigations, identification procedures, and the right to counsel. Through case analysis and discussion, students will develop an understanding of constitutional protections, due process, and the balance between individual rights and public safety.

This course is designed for students interested in advanced study or careers in criminal justice, law, or public service.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for the course include the successful completion of Criminal Justice 265 (CJ-265).

9008: Dual Credit Crowder College CJ-280

Program	**Criminal Justice**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Criminal Justice: Report Writing focuses on the importance of accurate and professional documentation of police-related activities. Students will examine the role of written reports in the criminal justice system and the impact documentation has on investigations, legal proceedings, and accountability.

The course emphasizes report writing skills, including proper structuring of interviews, chronological documentation of events, and clear communication of facts. Instruction incorporates correct sentence structure, appropriate terminology, and accuracy in written reports. Students will practice drafting and revising reports to meet professional standards used in law enforcement and related criminal justice fields.

This course is designed to build foundational communication skills essential for careers in criminal justice and public safety.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for the course include the successful completion of Criminal Justice 200 (CJ-200) and Criminal Justice 210 (CJ-210).

9009: Dual Credit Crowder College CJ-250

Program	**Criminal Justice**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

NCAA	**No**

Criminal Law is an introductory course that examines the purposes and functions of criminal law in the United States. Students will explore the rights and responsibilities of officers and citizens within the framework of local, state, and federal laws.

The course highlights the development, application, and enforcement of criminal laws, with attention to how statutes and legal principles operate in Missouri and across the United States. Through case analysis and discussion, students will gain an understanding of how criminal laws are created, interpreted, and enforced, as well as their impact on individuals and communities.

This course provides a foundation for students interested in careers or further study in criminal justice, law, or public service.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for the course include the successful completion of Criminal Justice 200 (CJ-200) and Criminal Justice 210 (CJ-210).

Education Course

Education Course Course Descriptions

9024: Dual Credit Crowder College EDUC-231

Program	**Education Course**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Educational Psychology is designed to help students connect theories and principles of educational psychology to teaching, learning, and assessment in P–12 educational settings. The course examines how students learn, develop, and differ, with an emphasis on the diversity of learners and learning processes.

Students will explore teacher characteristics, classroom strategies, assessment practices, and data analysis used to inform instruction and support student growth. Appropriate strategies for increasing student motivation, supporting multidimensional development, and promoting academic achievement for all learners are introduced. This course provides a strong foundation for students interested in careers in education, psychology, or related fields.

Prerequisites for this course include the successful completion of Psychology 101 (PSY-101).

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College Curriculum (Education Course): Dual Credit Crowder College Curriculum (Education Course)

Program	**Education Course**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College EDUC-231: Dual Credit Crowder College EDUC-231

Program	**Education Course**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College Educational Technology (Education Course): Dual Credit Crowder College Educational Technology (Education Course)

Program	**Education Course**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College Exceptional Learners (Education Course): Dual Credit Crowder College Exceptional Learners (Education Course)

Program	**Education Course**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College Foundation (Education Course): Dual Credit Crowder College Foundation (Education Course)

Program	**Education Course**
Course Credit	**0.5**

Dual Credit Crowder College Teaching Profession (Education Course): Dual Credit Crowder College Teaching Profession (Education Course)

Program	**Education Course**
Course Credit	**0.5 Elective Credit**

Education Work Based Learning: Education Work Based Learning

Program	**Education Course**
Course Credit	**1.0 Elective Credit**

Elective

Elective Course Descriptions

9001: Dual Credit Crowder College Orientation

Program	**Elective**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

College Orientation (COLL 101) is required for degree- and certificate-seeking students during their first semester at Crowder College, when required by the declared program of study. Non-degree-seeking students are not required to enroll in COLL 101; however, if a student later becomes degree- or certificate-seeking and the selected program requires the course, successful completion will be required.

Transfer students who have successfully completed an equivalent college orientation course at another institution, or who have earned a cumulative grade point average of 2.0 or higher on a minimum of 12 credit hours completed after high school graduation, are exempt from COLL 101.

This course is designed to acclimate new students to the Crowder College environment by providing essential information, resources, and skills needed for academic and personal success. Emphasis is placed on college expectations, student responsibilities, campus resources, and self-assessment to support informed decision-making and personal development.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College GIST-110: Dual Credit Crowder College GIST-110

Program	**Elective**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College GIST-120: Dual Credit Crowder College GIST-120

Program	**Elective**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College GIST-130: Dual Credit Crowder College GIST-130

Program	**Elective**
Course Credit	**0.5 Elective Credit**

Exploring Technology Careers: Exploring Technology Careers

Program	Elective

English Language Arts

English Language Arts Course Descriptions

3001: 7th Grade English Language Arts

Program	**English Language Arts**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

In this course, students will strengthen their skills in reading, writing, speaking, and critical thinking. Students will further develop their understanding of mechanics, grammar, and sentence structure through purposeful writing tasks and practice. Instruction will focus on argumentative writing, narrative writing, and research-based writing, guiding students in how to generate, organize, and communicate ideas effectively.

Students will also read and analyze a variety of literary and informational texts, deepening their ability to identify themes, evaluate evidence, and understand author's craft. Through discussions, projects, and written responses, students will build confidence in expressing their ideas clearly and thoughtfully.

This course prepares students for the rigorous reading and writing expectations of junior high school and high school English coursework.

3002: 7th Grade Advanced English Language Arts

Program	**English Language Arts**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

Advanced 7th Grade English Language Arts is an on-level course that takes a deeper, more rigorous dive into grade-level concepts for students who are ready for additional challenge. This course provides enrichment opportunities while maintaining alignment with 7th grade standards, offering students more complex texts, extended writing tasks, and deeper analysis.

Students will strengthen their understanding of grammar, mechanics, and sentence structure through purposeful practice and application in advanced writing assignments. The course emphasizes argumentative writing, narrative development, and research-based writing, guiding students to expand their ideas, incorporate evidence effectively, and refine their writing with clarity and purpose.

Students will also engage with a variety of literary and informational texts, exploring themes, author's craft, and structural techniques with greater depth than the traditional course. Class discussions, collaborative activities, and independent projects encourage critical thinking and academic discourse.

This course is ideal for students who enjoy reading and writing and are motivated to explore English Language Arts concepts more thoroughly in preparation for future advanced coursework.

3004: 8th Grade English Language Arts

Program	**English Language Arts**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

This on-level course invites students to explore a wide range of literary and informational texts while developing their analytical and critical thinking skills. Through reading, class discussions, and written responses, students will strengthen their understanding of author's craft, text structure, and the use of evidence in text analysis.

Students will engage in narrative, argumentative, and informational writing, learning to express ideas clearly, support claims effectively, and refine their writing through revision and editing. The course also incorporates speaking and listening activities that build confidence in communication, collaboration, and presentation skills.

By the end of the year, students will be well-prepared for the expectations of high school English coursework and continued growth in reading and writing.

3005: 8th Grade Advanced English Language Arts

Program	**English Language Arts**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

In this advanced course, students will engage with a diverse selection of literary and informational texts while further developing their analytical and critical thinking skills. Texts and assignments will require deeper interpretation, more complex reasoning, and stronger connections across ideas.

Students will refine their abilities in narrative, argumentative, and informational writing, with an emphasis on clear reasoning, precise language, and well-supported evidence. Speaking and listening activities will strengthen students' ability to engage in academic conversations, present ideas with confidence, and collaborate effectively.

This course includes an intensive focus on higher-order questioning, evidence-based writing, close reading, and textual analysis. Students will be expected to think critically, participate actively, and approach content with academic depth.

Advanced 8th Grade English Language Arts prepares students for advanced course pathways in high school coursework and is ideal for learners who enjoy challenge, inquiry, and deeper exploration of reading and writing concepts.

3007: English I

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**Yes**

English I introduces students to foundational high school English skills through the study of literary and informational texts, writing, speaking, and critical thinking. Students will read a variety of genres including fiction, nonfiction, drama, and poetry, while learning to analyze how authors develop themes, structure their work, and use literary techniques to convey meaning.

Students will practice narrative, argumentative, and informational writing, with a strong emphasis on developing clear thesis statements, organizing ideas effectively, and using textual evidence to support claims. Grammar, vocabulary, and language conventions will be taught in connection with writing to strengthen clarity and accuracy.

Speaking and listening activities will promote academic discussion, collaborative learning, and effective communication skills. Throughout the course, students will learn strategies for close reading, annotation, research, and analysis that prepare them for success in future English courses.

English I builds a strong foundation for high school literacy expectations and supports students in becoming thoughtful, confident readers and writers.

3010: Pre-AP English I

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**9**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Pre-AP English I is designed to prepare students for advanced high school English coursework by strengthening their skills in close reading, analytical writing, and critical thinking. This course emphasizes the essential practices that support success in AP and college-level classes, including careful observation of texts, deep analysis, and clear, evidence-based communication.

Students will study a variety of challenging literary and informational texts, examining how authors develop ideas, build arguments, and use literary techniques to shape meaning. Through guided practice, students will learn to identify patterns, analyze author's craft, and respond to text-based questions with precision.

Writing instruction focuses on analytical, argumentative, and narrative writing, with special attention to crafting strong thesis statements, integrating textual evidence, and refining style through revision. Students will practice using academic vocabulary and grammar structures that enhance clarity and sophistication.

Class activities will include structured academic conversations, discussions, and collaborative tasks that encourage deeper thinking and engagement with complex ideas.

Pre-AP English I lays the foundation for future honors and AP English courses and is ideal for students who are motivated, curious, and ready for a more rigorous exploration of reading and writing.

Students will take the mandatory English I End of Course (EOC) Exam at the completion of this course.

3011: English II

Program	**English Language Arts**

Course Credit	**1.0 English Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

English II builds on the skills developed in English I, guiding students to advance their abilities in reading, writing, language, speaking, and listening. The course is organized into units that strengthen each of these areas through connected, meaningful learning experiences.

Students will read a variety of classic and contemporary literature, as well as informational and nonfiction texts, to deepen their understanding of theme, structure, literary devices, and author's craft. Writing instruction will include multiple purposes and audiences, helping students develop stronger narrative, argumentative, and informational compositions.

Throughout the course, students will continue to build their knowledge of English grammar, mechanics, and vocabulary, applying these skills to improve clarity and precision in their writing.

Students will be expected to participate actively in discussions, group work, and peer feedback sessions, contributing to a classroom environment that values critical thinking, communication, and shared learning.

English II prepares students for the increased rigor of upper-level English courses by strengthening foundational skills and encouraging confident, thoughtful engagement with complex texts and ideas.

Students will take the mandatory English II End of Course (EOC) Exam at the completion of this course.

3014: Pre-AP English II

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**10**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Pre-AP English II builds on the foundations developed in earlier advanced English courses and prepares students for the rigor of AP-level coursework. This class emphasizes close reading, analytical writing, academic discussion, and evidence-based reasoning across a range of complex literary and informational texts.

Students will examine how authors craft meaning through structure, language, style, and rhetorical choices. Texts will include fiction, nonfiction, poetry, and drama, allowing students to explore diverse genres and perspectives. Students will be expected to analyze patterns, evaluate arguments, and make connections across texts and ideas.

Writing instruction centers on analytical and argumentative essays, with an emphasis on crafting clear thesis statements, using precise textual evidence, and refining coherence and style. Students will also practice narrative and rhetorical writing to deepen their understanding of how writers shape meaning.

Classwork will include academic conversations, collaborative analysis, and structured discussions that encourage students to articulate ideas clearly and respond thoughtfully to peers.

Pre-AP English II provides a strong foundation for AP Language and Composition, AP Literature and Composition, and other upper-level English courses. It is well-suited for students who are motivated, detail-oriented, and eager to engage deeply with challenging texts and advanced writing tasks.

Students will take the mandatory English II End of Course (EOC) Exam at the completion of this course.

3015: AP Seminar

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**10**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Seminar is a foundational course in the College Board's AP Capstone program, designed to develop students' skills in research, analysis, argumentation, and collaborative problem-solving. In this course, students investigate real-world issues from multiple perspectives, analyze complex texts, and craft evidence-based arguments.

Students will learn to evaluate sources for credibility, synthesize information across texts, and communicate their findings through both written essays and multimedia presentations. The course emphasizes questioning, critical thinking, and the ability to view issues through interdisciplinary lenses.

Key components of AP Seminar include:

- The Individual Research-Based Essay and Presentation
- The Team Project and Presentation
- The AP Seminar Exam, which includes analysis of written arguments and synthesis of information from stimulus materials

Students will engage in frequent academic discussions, peer reviews, and collaborative work, all of which strengthen communication, research, and reasoning skills essential for college readiness.

AP Seminar is ideal for students who thrive on inquiry, enjoy exploring complex global and local issues, and are preparing for advanced academic pathways, including AP Research and college-level coursework.

Students will take the mandatory English II End of Course (EOC) Exam at the completion of this course.

3016: English III

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**Yes**

English III progresses students' competence in reading, writing, speaking, listening, and language mechanics as they prepare for the academic demands of upper-level coursework and postsecondary pathways. Students engage with a variety of American literature and a range of nonfiction texts at or above grade level, exploring how historical, cultural, and thematic elements shape an author's purpose and style.

The course places a strong emphasis on research skills and academic writing. Students will learn to gather, evaluate, and synthesize information from multiple credible sources, developing polished argumentative and analytical essays. Instruction in grammar, vocabulary, and language conventions supports clear and effective communication.

Collaborative learning is central to English III. Students participate in whole-group discussions, small-group activities, and individualized instruction, accommodating diverse learning styles and encouraging active engagement with texts. Speaking and listening opportunities help students develop confidence in presenting ideas and engaging in academic conversations.

Critical thinking remains a core focus as students analyze texts, make inferences, and respond thoughtfully through writing and discussion. Additionally, targeted skill development in reading comprehension, analysis, and writing mechanics helps prepare students for success on the ACT.

3017: AP Literature and Composition

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Literature and Composition is an introductory college-level course that immerses students in the close, analytical study of American and world literature. Students explore a wide range of literary works—including poetry, prose, novels, and plays—to develop a sophisticated understanding of how writers use structure, style, and literary elements to create meaning.

Throughout the course, students practice advanced literary analysis through reading, discussion, and frequent writing. A strong emphasis is placed on analytical composition, particularly crafting well-supported, insightful essays that demonstrate deep engagement with texts. Students will also complete on-demand writing in timed settings to build confidence and proficiency in preparation for the AP Exam.

Class discussions encourage students to interpret complex themes, analyze authorial choices, and consider multiple perspectives. Students will refine their use of academic vocabulary, strengthen their command of evidence-based argumentation, and improve their ability to write with clarity and precision.

AP Literature and Composition prepares students for success on the AP Exam and offers an excellent foundation for college-level humanities, literature, and writing courses. It is ideal for students who enjoy reading challenging literature, engaging in rich discussion, and exploring the deeper layers of textual meaning.

Students are encouraged to have a C or high in a previous advanced English course or a B or higher in an on-level English course. Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

3018: Dual Credit Crowder College English Composition I

Program	**English Language Arts**
Course Credit	**0.5 English Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester (Fall Only)**
NCAA	**Yes**

Dual Credit English Composition I is a freshman-level writing course designed to prepare students for the expectations of college-level academic writing. The primary aim of this course is to provide students with instruction and practice in crafting mechanically correct, well-organized, and well-developed expository essays on topics of significance and relevance.

Students will learn to write with clarity and purpose as they develop skills in thesis construction, logical organization, paragraph development, revision, and editing. Emphasis is placed on effective use of evidence, precise language, and strong control of grammar and mechanics. Students will engage in a variety of writing tasks, including analytical, explanatory, and argumentative compositions.

In addition to writing, students will practice close reading, critical thinking, and research skills that strengthen their ability to analyze texts and support claims appropriately. Regular feedback, peer review, and revision cycles will help students refine their writing and prepare for the rigors of postsecondary coursework.

Students who meet eligibility requirements will earn college credit through the district's higher education partner while simultaneously fulfilling their 11th-grade English requirement.

Dual Credit English Composition is ideal for students planning to pursue college degrees and seeking an academically challenging English experience.

Students must have a 3.0 unweighted cumulative grade point average to participate in this course.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit outside of NSD's Graduation Pathways.

3019: Dual Credit Crowder College English Composition II

Program	**English Language Arts**
Course Credit	**0.5 English Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester (Spring Only)**
NCAA	**Yes**

Dual Credit English Composition II builds upon the skills developed in English Composition I, guiding students toward greater sophistication in academic writing. This course focuses on producing clear, effective expository prose while advancing students' understanding of more complex methods of thesis development, argumentation, and analytical thinking.

Students will deepen their ability to construct and defend arguments, integrate research effectively, and write with precision and clarity. Instruction emphasizes the processes of research, source evaluation, documentation, and citation, helping students develop the skills necessary for writing in college-level courses and across academic disciplines.

Throughout the semester, students will complete a variety of assignments that require critical reading, synthesis of ideas, and polished written communication. Peer review, revision, and instructor feedback will support students in refining the structure, style, and effectiveness of their writing.

Students who meet eligibility requirements will earn college credit through the district's higher education partner while fulfilling their second-semester junior English requirement.

Dual Credit English Composition II is ideal for students pursuing college pathways and seeking to strengthen their academic writing, research skills, and readiness for advanced postsecondary coursework.

Students must have successfully completed Dual Credit Crowder College English Composition I to participate in this course.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit outside of NSD's Graduation Pathways.

3020: English IV

Program	**English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

English IV extends students' research, analysis, and writing skills through the study of world literature, emphasizing how texts reflect and shape the historical and cultural contexts in which they were created. Students will explore a variety of genres—including poetry, drama, novels, and nonfiction—to build connections across global perspectives and literary traditions.

Instruction will incorporate both whole-group and small-group learning, encouraging collaboration, discussion, and deeper engagement with complex texts. Students will analyze themes, author's craft, rhetorical choices, and stylistic techniques while refining their ability to interpret and evaluate literature.

Writing instruction focuses on narrative, expository, and argumentative modes, guiding students to produce clear, well-organized, and well-supported compositions. Students will also complete research-based assignments that strengthen their academic writing and critical thinking skills.

A key component of the course is preparing seniors for postsecondary literacy expectations. Students will improve their reading and writing skills while having opportunities to explore books from recommended college reading lists, supporting their transition to college or career pathways.

English IV provides a culminating high school English experience, equipping students with the skills needed for future academic success, effective communication, and informed engagement with the world.

3021: AP Language and Composition

Program	**English Language Arts**

Course Credit	**1.0 English Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

College Board Advanced Placement Course

AP Language and Composition is an introductory college-level English course designed for juniors. Students will focus on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Throughout the course, students will evaluate, synthesize, and cite research to craft and support their written arguments.

Students will read and analyze rhetorical elements and their effects in a wide variety of nonfiction texts—including images as forms of text—drawn from multiple disciplines and historical periods. Emphasis is placed on understanding how authors use rhetorical strategies, structure, and language to convey meaning and influence audiences.

Through frequent writing practice, collaborative discussions, and close-reading activities, students will refine their ability to construct well-reasoned arguments, analyze complex ideas, and communicate effectively. Additionally, on-demand and timed writing tasks will help prepare students for the rigor of the AP Exam.

AP Language and Composition provides a strong foundation for college-level reading, writing, and critical thinking and is ideal for students who enjoy examining how language shapes ideas and arguments.

Students are encouraged to have a C or high in a previous advanced English course or a B or higher in an on-level English course. Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

3022: Dual Credit Crowder College Introduction to Literature

Program	**English Language Arts**
Course Credit	**0.5 English Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester (Fall Only)**
NCAA	**Yes**

Crowder College Dual Credit Introduction to Literature is a one-semester college-level course that emphasizes the enjoyment, appreciation, and understanding of major literary forms. Students will study a variety of poetry, drama, and fiction, exploring how authors use language, structure, and literary techniques to convey meaning and evoke emotional and intellectual responses.

The course encourages students to read deeply, think critically, and engage in thoughtful discussions about literature from different genres, time periods, and cultural perspectives. Emphasis is placed on interpretation, analysis, and developing an appreciation for the craft of writing.

This course partially fulfills general education humanities requirements for Crowder College and provides students the opportunity to earn dual credit while completing high school English requirements. Because it is only one semester long, students must take an additional one-semester English course during the academic year to meet the full English credit requirement.

Introduction to Literature is ideal for students who enjoy reading, discussing, and analyzing literary works and who wish to experience the rigor and rewards of college-level coursework.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

This course only satisfies half of the required English credit requirements for a student's senior year. The student can pair this course with another dual credit English course to fulfill high school graduation requirements.

3023: Dual Credit Crowder College Technical Writing

Program	**English Language Arts**
Course Credit	**0.5 English Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester (Spring Only)**
NCAA	**Yes**

Technical Writing introduces students to the practical aspects of preparing business and industrial documents used in professional and technical settings. This course emphasizes clear, accurate, and effective communication for a variety of audiences and purposes.

Students will learn techniques for collecting, organizing, and presenting data through quality written and oral communication. Instruction includes creating formal and informal reports, technical documents, demonstrations, and professional presentations, along with participation in structured discussions.

Through real-world applications and project-based learning, students will develop skills in clarity, organization, and audience awareness that are essential for workplace communication.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

This course only satisfies half of the required English credit requirements for a student's senior year. The student can pair this course with another dual credit English course to fulfill high school graduation requirements.

3024: Yearbook

Program	**English Language Arts**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**
NCAA	**No**

Yearbook is a hands-on, production-based course focused on the creation and publication of the school's annual yearbook. Students will develop skills in photography, journalistic writing, graphic design, layout, and marketing, while contributing to a professional-quality publication that captures the school year.

Throughout the course, students will also strengthen essential workplace skills, including time management, collaboration, leadership, and communication. Because yearbook production requires consistent work beyond the classroom, students will be expected to attend school events, take photographs, conduct interviews, and complete assigned yearbook spreads. All deadlines are firm, mirroring real-world publication expectations.

Given the collaborative and sequential nature of yearbook production, students may not transfer into the class at semester without special permission from the instructor. Additionally, students who do not meet the expectations and demands of the course may be removed at the instructor's discretion to ensure project completion and publication quality.

This course may be taken for multiple years, allowing students to deepen their skills and take on increasing leadership within the yearbook staff.

3025: Dual Credit Crowder College World Literature I ENGL-222

Program	**English Language Arts**
Course Credit	**0.5 English Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

World Literature I is a survey course that introduces students to major works of world literature with an emphasis on texts outside the British and American literary traditions. Through selected readings from Greek and Roman literature—including epics, dramas, and mythology—students explore foundational themes, cultural values, and literary forms that have shaped global storytelling. The course also includes influential works such as *The Divine Comedy*, *Don Quixote*, and other significant texts, helping students develop skills in literary analysis, critical reading, and written interpretation while gaining a broader understanding of world cultures and literary history.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit outside of NSD's Graduation Pathways.

18002: PACE: 7th Grade English Language Arts

Program	**Special Education** **English Language Arts**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

This course provides specially designed instruction aligned to 7th grade English Language Arts standards to support students with identified learning needs. Instruction focuses on developing reading, writing, speaking, listening, and language skills through differentiated, scaffolded, and individualized approaches.

Students will engage with a variety of texts to build comprehension, vocabulary, and critical thinking skills while practicing writing for different purposes and audiences. Emphasis is placed on foundational literacy skills, grammar and language conventions, and effective communication.

18003: PACE: 8th Grade English Language Arts

Program	**Special Education** **English Language Arts**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

This course provides specially designed instruction aligned to 8th grade English Language Arts standards to support students with identified learning needs. Instruction emphasizes reading comprehension, written expression, speaking and listening skills, and language development through differentiated, scaffolded, and individualized instruction.

Students will engage with a range of literary and informational texts to strengthen critical thinking, vocabulary, and comprehension skills while developing clear and organized writing. Instruction also focuses on grammar, language conventions, and effective communication strategies. Course content and instructional methods are tailored to support student goals, promoting academic growth, independence, and readiness for high school-level English Language Arts.

18004: PACE: English Language Arts I

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 Elective Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts I is designed to introduce students to the foundational skills of reading and writing. The course places strong emphasis on basic sentence structure, writing mechanics, vocabulary development, phonics skills, and making meaningful connections to text. Key areas of focus include phonemic awareness, matching spoken and written language, and developing comprehension through text connections.

Students will also be introduced to the fundamentals of written expression in a supportive, structured environment. Instruction is individualized and adapted to meet specific student needs, with course content modified to align with students' goals.

18005: PACE: English Language Arts II

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 Elective Credit**

Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts II builds upon the foundational reading and writing skills introduced in PACE: English Language Arts I. The course continues to emphasize sentence structure, writing mechanics, vocabulary development, and phonics while increasing focus on reading comprehension and written expression. Students will strengthen their ability to make connections to text, understand meaning, and apply language skills in more complex contexts.

Instruction supports the continued development of phonemic awareness, alignment of spoken and written language, and comprehension strategies in a structured and supportive learning environment. Course content is individualized and adapted to address specific student needs, with instruction aligned to student goals.

18006: PACE: English Language Arts III

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts III builds upon previously developed reading and writing skills with an increased emphasis on comprehension, communication, and functional literacy. Students will continue to strengthen sentence structure, writing mechanics, vocabulary, and phonics skills while applying these skills to more complex texts and real-world communication tasks.

Instruction focuses on improving reading comprehension, making meaningful connections to text, and expanding written expression through structured, supported activities. Students will practice expressing ideas clearly in both written and spoken formats. Course content is individualized and adapted to meet specific student needs.

18007: PACE: English Language Arts IV

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts IV is designed to extend and refine students' reading, writing, and communication skills with an emphasis on independence, comprehension, and functional application. Students will apply previously learned literacy skills to increasingly complex texts and real-world communication tasks.

Instruction focuses on strengthening reading comprehension, written expression, vocabulary usage, and effective communication in academic and everyday contexts. Students will practice organizing ideas, responding to text, and expressing themselves clearly and appropriately. Course content is individualized and adapted to address specific student needs, with instruction aligned to students' goals.

English Course Pathways

On-Grade Level Course Pathway

Grade	Course Code	Title	Credits
7	3001	7th Grade English Language Arts	
8	3005	8th Grade Advanced English Language Arts	
9	3007	English I	1.0
10	3011	English II	1.0
11	3016	English III	1.0
12	3020	English IV	1.0
		Total Credits Needed Credits	**4**

Advanced Course Pathway

Grade	Course Code	Title	Credits
7	3002	7th Grade Advanced English Language Arts	
8	3005	8th Grade Advanced English Language Arts	
9	3010	Pre-AP English I	1.0
10		AP Seminar or Pre-AP English II	1.0
11		Dual Credit English or AP English Course	0.5-1.0
12		Dual Credit English or AP English Course	0.5-1.0
		Total Credits Needed Credits	**3-4**

AP Course Pathway

Grade	Course Code	Title	Credits
7	3002	7th Grade Advanced English Language Arts	
8	3005	8th Grade Advanced English Language Arts	
9	3010	Pre-AP English I	1.0
10	3015	AP Seminar	1.0
11	3021	AP Language and Composition	1.0
12	3017	AP Literature and Composition	1.0
		Total Credits Needed Credits	**4**

Dual Credit Course Pathway

Grade	Course Code	Title	Credits
7	3002	7th Grade Advanced English Language Arts	
8	3005	8th Grade Advanced English Language Arts	

9	3010	Pre-AP English I	1.0
10		AP Seminar or Pre-AP English II	1.0
11		Dual Credit English Comp. I &II	1.0
12		Dual Credit Intro to Literature and Additional Dual Credit English	1.0
		Total Credits Needed Credits	**4**

	Total Credits	**4**

Family and Consumer Sciences

Family and Consumer Sciences Course Descriptions

4001: Introduction to Family and Consumer Sciences (FACS)

Program	**Family and Consumer Sciences**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Introduction to Family and Consumer Sciences (FACS) is an overview course that introduces students to the wide range of skills and knowledge needed to successfully manage daily life. Students will explore a variety of foundational topics within the FACS field, gaining practical skills and insights that support personal growth, career readiness, and responsible decision-making.

Areas of study include leadership, career exploration, relationships, child development, fashion design, interior design, nutrition, food preparation, and money management. Through hands-on activities, projects, and real-world applications, students will develop essential life skills that prepare them for future FACS courses and everyday responsibilities.

This course provides a broad introduction to the many pathways within Family and Consumer Sciences and is ideal for students interested in building practical, creative, and interpersonal skills.

4002: Food Basics

Program	**Family and Consumer Sciences**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Food Basics offers students the opportunity to develop essential knowledge and skills related to nutrition, food preparation, and healthy living. This course emphasizes the relationship between diet, exercise, and overall wellness, helping students understand how daily choices influence long-term health.

Students will learn how to manage time, energy, and money when planning and preparing meals for themselves and their families. Instruction includes exploring nutritional needs, practicing proper kitchen safety and sanitation, and learning the correct use and care of kitchen equipment.

Throughout the course, students will learn to read and follow recipes, prepare a variety of dishes, and develop confidence in basic culinary techniques. Almost all food supplies will be provided for students, allowing for frequent hands-on cooking experiences.

Food Basics is an excellent introductory course for students interested in nutrition, culinary arts, wellness, or gaining practical life skills in the kitchen.

4003: Child Development I

Program	**Family and Consumer Sciences**

Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Child Development I focuses on the intellectual, social, emotional, and biological development of children from infancy through adolescence. Students will explore how children grow and learn, as well as the factors that influence healthy development.

Instruction includes topics such as parent–child relationships, effective parenting practices, special needs of children, parental and environmental influences, external support services, and public policy issues related to children and families. Students will examine real-world scenarios to better understand the roles of caregivers, educators, and communities in supporting child development.

Students enrolled in this course are required to be active members of the Neosho FCCLA Chapter, where they can extend their learning through leadership opportunities, service projects, and career exploration related to family and human services.

Child Development is ideal for students interested in careers in education, healthcare, social services, child care, or human development fields.

Dues for being a member of FCCLA are $25.00 and must be paid by the student.

4004: Child Development II

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Child Development II builds upon the foundational concepts introduced in Child Development I by providing students with hands-on experience in supervising and working with children. This course allows students to apply developmental principles in real-world settings while strengthening practical skills related to caregiving and instruction.

Students will have opportunities to improve parenting and caregiving skills, explore career pathways related to child development, and develop general employment skills such as communication, responsibility, professionalism, and teamwork. Emphasis is placed on understanding age-appropriate behaviors, creating safe and supportive environments, and responding effectively to children's needs.

Students enrolled in this course are required to be active members of the Neosho FCCLA Chapter, where they can further develop leadership skills and participate in service-learning and career-focused activities.

Child Development II is ideal for students interested in careers in education, early childhood development, healthcare, child care, or family and human services.

Prerequisites for enrollment include successful completion of Child Development I.

4005: Career Development and Entrepreneurship

Program	**Family and Consumer Sciences**
Course Credit	**0.5 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Career Development and Entrepreneurship introduces students to career opportunities and pathways within Family and Consumer Sciences (FCS) and human services–related fields. Students will explore how businesses in these industries are developed, marketed, managed, and sustained.

Instruction focuses on the development, marketing, and management functions associated with owning and operating an FCS or human services–related business. Emphasis is placed on career development and preparation, balancing family life with entrepreneurial ventures, and applying real-world business concepts through hands-on activities and the use of technology.

Students will analyze industry trends, develop basic business plans, and gain practical skills applicable to careers in areas such as child care, education, hospitality, nutrition, fashion, interior design, and human services.

Students enrolled in this course are required to be active members of the Neosho FCCLA Chapter, where they can extend their learning through leadership development, competitive events, and community-based projects.

This course is ideal for students interested in entrepreneurship, business ownership, or careers within Family and Consumer Sciences and human services pathways.

Dues for being a member of FCCLA are $25.00 and must be paid by the student.

4006: Fashion Design and Fundamentals

Program	**Family and Consumer Sciences**
Course Credit	**0.5 Practical Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Fashion Design and Fundamentals introduces students to the principles, practices, and career pathways within the fashion and apparel industry as part of the Family and Consumer Sciences (FCS) program. Students will explore how fashion products are designed, produced, marketed, and managed, while gaining an understanding of the role fashion plays in culture, business, and personal expression.

Instruction focuses on design elements and principles, textiles and fabric selection, fashion illustration, basic construction techniques, and trend analysis. Students will also examine how fashion-related businesses operate, including aspects of merchandising, marketing, and consumer behavior, while applying concepts through hands-on projects and the use of technology.

Students will develop practical skills applicable to careers in fashion design, apparel production, merchandising, retail, interior design, and related human services fields. Projects may include creating design boards, garment components, fashion sketches, and presentations that reflect industry standards.

Students enrolled in this course are required to be active members of the Neosho FCCLA Chapter, where they can extend their learning through leadership development, competitive events, and community-based projects.

Fashion Design and Fundamentals is ideal for students interested in creative design, textiles, fashion careers, and the business of style within the Family and Consumer Sciences pathway.

Dues for being a member of FCCLA are $25.00 and must be paid by the student.

4007: Fashion Design and Construction

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Fashion Design and Construction develops students' advanced sewing and garment construction skills through hands-on, project-based learning. This course is designed for students interested in careers related to fashion apparel design, accessory design, costume design, interior design, and related creative industries.

Students will learn and apply advanced garment construction techniques, basic pattern making, draping methods, and expanded textile analysis and application. Emphasis is placed on precision, craftsmanship, design problem-solving, and understanding how construction techniques support function and aesthetic design.

Throughout the course, students will complete increasingly complex projects that reflect industry practices and professional standards. Technology and design tools may be incorporated to support planning, pattern development, and presentation.

Students enrolled in this course are required to be active members of the Neosho FCCLA Chapter, where they can further develop leadership skills and participate in competitive events, service learning, and career exploration opportunities.

Fashion Design and Construction is ideal for students seeking advanced design experience and preparation for postsecondary programs or careers in fashion, textiles, costume design, interior design, or related creative fields.

Dues for being a member of FCCLA are $25.00 and must be paid by the student. Prerequisites for this course include the successful completion of Fashion and Interior Design Fundamentals.

4008: Apparel, Textiles, and Fashion I

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**
NCAA	**No**

Apparel, Textiles, and Fashion I introduces students to the fundamentals of the fashion and apparel industry while engaging them in critical thinking, creativity, and hands-on skill development. This course emphasizes understanding fashion as both a form of personal expression and a consumer-driven industry.

Students will explore consumer awareness, clothing selection and care, textiles, basic garment construction, and the use of technology in fashion-related fields. Instruction also includes an overview of career opportunities within fashion, textiles, and related industries.

Through hands-on projects and applied learning activities, students will develop practical skills and techniques that are transferable to a wide range of careers, including fashion design, merchandising, retail, interior design, and human services.

Apparel, Textiles, and Fashion I provides a strong foundation for advanced coursework in fashion design, textiles, and apparel construction while preparing students with skills applicable in today's workforce.

Prerequisites for this course include the successful completion of Fashion Design Construction. Dues for being a member of FCCLA are $25.00 and must be paid by the student.

4009: Apparel, Textiles, and Fashion II

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Apparel, Textiles, and Fashion II is designed for students with a strong interest in textiles, fashion, and apparel design. Building on foundational skills, students will deepen their understanding of the fashion industry while applying more advanced techniques through hands-on projects.

Students will explore a variety of fashion-related careers and gain experience constructing apparel and textile projects using advanced construction methods. Instruction includes the study of textiles and fibers, fashion history, fit and pattern selection, and techniques for evaluating ready-to-wear garments for quality, construction, and value.

Through applied learning and critical analysis, students will strengthen technical skills, design knowledge, and consumer awareness. Apparel, Textiles, and Fashion II prepares students for advanced fashion coursework and career pathways in design, textiles, merchandising, and related industries.

Prerequisites for this course include the successful completion of Apparel, Textiles, and Fashion I. Dues for being a member of FCCLA are $25.00 and must be paid by the student.

4010: Culinary Fundamentals

Program	**Family and Consumer Sciences**
Course Credit	**0.5 Practical Arts Credit**

Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Culinary Fundamentals introduces students to essential kitchen skills and cooking techniques through hands-on, real-world learning experiences. Students will develop foundational knowledge in food preparation, kitchen safety and sanitation, and basic baking while exploring industry standards and practices.

This course is designed to help students build confidence and competence in the kitchen while gaining insight into careers within the culinary and foodservice industries. Whether students aspire to become professional chefs or simply want to strengthen everyday cooking skills, Culinary Fundamentals provides the essential foundation needed to begin a culinary pathway.

Culinary Fundamentals serves as a prerequisite for Culinary Arts: ProStart I and International Foods, preparing students for advanced coursework and future opportunities in culinary arts and hospitality.

4011: Nutrition and Wellness

Program	**Family and Consumer Sciences**
Course Credit	**0.5 Practical Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Nutrition and Wellness prepares individuals to understand the principles of nutrition, the relationship of nutrition to health and wellness, meal management to meet individual and family food needs and patterns of lining, food economics and ecology, optimal use of the food dollar, understanding and promoting nutritional knowledge, and application of related math and science skills. Students will focus on the selection, preparation, and care of food. This course is a prerequisite for all advanced culinary courses.

Nutrition and Wellness prepares students to understand the principles of nutrition and the relationship between diet, health, and overall wellness. This course emphasizes informed food choices and the role nutrition plays in supporting healthy individuals and families.

Students will study meal management to meet individual and family food needs and lifestyle patterns, food economics and ecology, and the optimal use of the food dollar. Instruction also focuses on understanding and promoting nutritional knowledge while applying related math and science skills to real-world situations.

Hands-on learning experiences allow students to develop skills in the selection, preparation, and care of food, reinforcing concepts of safety, nutrition, and efficiency in the kitchen.

Nutrition and Wellness serves as a prerequisite for all advanced culinary courses and provides a strong foundation for students interested in culinary arts, nutrition, health sciences, and wellness-related careers.

4012: Culinary Arts: ProStart I

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

ProStart I is designed for students who aspire to become part of the next generation of restaurant and foodservice leaders. This nationally recognized, industry-driven program combines culinary arts and restaurant management training to help students develop practical, career-ready skills.

Students will explore food preparation techniques, kitchen safety and sanitation, customer service, and basic restaurant operations while gaining insight into the diverse career opportunities within the foodservice and hospitality industry. The program emphasizes hands-on learning and real-world application.

Through ProStart, students receive industry-aligned training, mentored work experiences, and instruction in employability and marketing job skills. Students also gain access to college scholarships and postsecondary opportunities associated with the ProStart program.

ProStart I provides a strong foundation for students interested in culinary arts, hospitality management, and foodservice careers and prepares them for continued coursework and professional advancement in the industry.

Prerequisites for the course include successful completion of Culinary Fundamentals and Nutrition and Wellness.

4013: Culinary Arts: ProStart II

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

ProStart II builds upon the skills and knowledge developed in ProStart I and prepares students for advanced study and careers in the restaurant and foodservice industry. This nationally recognized, industry-driven course emphasizes higher-level culinary techniques, restaurant management, and industry professionalism.

Students will refine their skills in food preparation, menu planning, cost control, purchasing, inventory management, and customer service while gaining a deeper understanding of restaurant operations and leadership. The course integrates real-world scenarios and problem-solving to simulate industry expectations.

Students in ProStart II will complete mentored work experiences, further develop job readiness and leadership skills, and may work toward industry certifications aligned with the ProStart program. Participation provides continued access to college scholarships and postsecondary opportunities within culinary arts and hospitality management pathways.

ProStart II prepares students for immediate entry into the workforce, advanced culinary training, or postsecondary education in hospitality, culinary arts, and foodservice management.

Prerequisites for the course includes successful completion on Culinary Arts: ProStart I.

4014: International Foods

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Practical Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

International Foods introduces students to a wide variety of international and ethnic cuisines while emphasizing proper food preparation techniques and kitchen procedures. Through hands-on experiences, students will explore how culture, geography, and tradition influence food practices around the world.

Instruction includes the study of psychological, cultural, and social influences on food choices, helping students understand how cuisine reflects identity and heritage. Students will also examine the availability of foods and how food production, supply systems, legislation, and regulations impact global and local food choices.

This course encourages cultural awareness, culinary skill development, and critical thinking while providing students with practical experience in preparing diverse dishes. International Foods is ideal for students interested in culinary arts, hospitality, nutrition, and global cultures.

Prerequisites for this course include Nutrition and Wellness and ProStart I.

4014: Wildcat Café Student Operated Business

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Wildcat Café is a project-based course within the Culinary Arts Pathway that provides students with authentic work experience through a school-based culinary enterprise. Students apply culinary and business skills while operating a functioning café in a professional, real-world environment.

Throughout the course, students will focus on developing transferable employability skills such as teamwork, communication, time management, professionalism, and problem-solving. Instruction also emphasizes advanced pastry and baking skills, use of industry-standard kitchen equipment, and consistent practice of safe food handling and sanitation procedures.

Students will gain hands-on experience in food preparation, production planning, customer service, and daily operations, preparing them for employment or further education in culinary arts and hospitality fields.

Wildcat Café offers students a meaningful opportunity to build career-ready skills while contributing to a student-run business within the school community.

Prerequisites for this course include successful completion of ProStart II or International Foods.

4015: Child Development Work Based Learning

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Child Development Work-Based Learning is a hands-on course that connects classroom learning with real-world experiences in early childhood and youth-centered settings. Students apply principles of child growth and development through supervised work experiences such as internships, job shadowing, or placements in childcare centers, preschools, elementary schools, community agencies, or related organizations.

The course emphasizes professionalism, workplace safety, ethical responsibilities, and effective communication while developing essential employability skills such as teamwork, problem-solving, and time management. Students gain practical experience observing, supporting, and engaging with children at various developmental stages while reflecting on best practices in child care and education. This course provides meaningful career exploration and preparation for postsecondary study and careers in education, child development, social services, and related fields.

Approval of work based learning is required prior to approval.

4016: FACS Workbased Learning

Program	**Family and Consumer Sciences**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Family and Consumer Sciences Work-Based Learning is a hands-on course designed to connect classroom instruction with real-world experiences related to family, community, and workplace environments. Students apply knowledge and skills from FACS coursework through supervised work experiences such as internships, job shadowing, or placements in childcare centers, hospitality and tourism settings, culinary and food service operations, retail and merchandising, healthcare support services, or community agencies.

The course emphasizes workplace safety, professionalism, ethical decision-making, and effective communication while building essential employability skills such as teamwork, problem-solving, and time management. Students develop practical, transferable skills related to personal and family well-being, consumer responsibility, and career readiness. This course supports career exploration and preparation for postsecondary education and careers within Family and Consumer Sciences pathways and related industries.

Approval for work based learning is required before enrollment.

Family and Consumer Sciences Course Pathways

Child Development

Grade	Course Code	Title	Credits
7	4001	Introduction to Family and Consumer Sciences (FACS)	
8	4002	Food Basics	
9	4003	Child Development I	1.0
10	4004	Child Development II	1.0
11	4005	Career Development and Entrepreneurship	0.5
11	4015	Child Development Work Based Learning	1.0
12	4015	Child Development Work Based Learning	1.0
		Total Credits Needed Credits	**5**

Fashion Design

Grade	Course Code	Title	Credits
8	4001	Introduction to Family and Consumer Sciences (FACS)	
9	4006	Fashion Design and Fundamentals	0.5
10	4007	Fashion Design and Construction	1.0
11	4008	Apparel, Textiles, and Fashion I	1.0
12	4009	Apparel, Textiles, and Fashion II	1.0
		Total Credits Needed Credits	**4**

Culinary Pathway

Grade	Course Code	Title	Credits
7	4001	Introduction to Family and Consumer Sciences (FACS)	
8	4002	Food Basics	
9	4010	Culinary Fundamentals	0.5
9	4011	Nutrition and Wellness	0.5
10	4012	Culinary Arts: ProStart I	1.0
11		Culinary Arts: Pro Start II or International Foods	1.0
12		Culinary Arts: Pro Start II, International Foods, or Wildcat Cafe	1.0
		Total Credits Needed Credits	**4**

	Total Credits	**4**

Fine Arts

Fine Arts Course Descriptions

1018: Floriculture

Program	**Agriculture** **Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Floriculture provides students with an in-depth introduction to the floral industry, combining artistic creativity with agricultural knowledge and hands-on design experience. Students will explore a variety of topics, including flower shop operations, floral design history, careers within the floriculture industry, and identification of common floriculture crops.

A major emphasis of the course is on the elements and principles of design, which students will apply through the creation of floral arrangements and other floral art projects. This course includes a significant lab component, allowing students to develop technical skills in arrangement construction, plant care, and floral handling techniques.

All students enrolled in Floriculture are also required to be active members of the Neosho FFA Chapter, where they can participate in floral design competitions, Supervised Agricultural Experiences (SAEs), leadership activities, and Career Development Events (CDEs).

Floriculture is ideal for students who enjoy art, creativity, hands-on projects, plant science, or careers in floral design and the ornamental horticulture industry.

Prerequisites for this course include the successful completion of Agricultural Power and Technology, Principles of Animal Science, Principles of Plant Science, or SAE Project.

5001: Art Explorations

Program	**Fine Arts**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Art Explorations is designed to introduce students to a wide variety of two-dimensional (2D) art forms and art-making techniques. Students will discover new and exciting ways of looking at art, thinking about art, and making art through hands-on exploration and creative problem-solving.

This course provides foundational instruction in the elements and principles of art while encouraging experimentation with drawing, painting, printmaking, collage, and mixed media. Students will engage in structured projects that promote visual literacy, technical skill development, and personal expression. Instruction emphasizes the creative process, safe and responsible use of materials, and reflection on artistic choices.

Throughout the course, students will analyze and discuss artwork from diverse cultures, historical periods, and contemporary artists to deepen their understanding of artistic context and meaning. By the end of the course, students will have developed a portfolio of 2D artwork that demonstrates growth in skills, creativity, and confidence in visual communication.

5002: Clay and Sculpture

Program	**Fine Arts**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Clay and Sculpture is designed to introduce students to the fundamentals of three-dimensional design and art-making. Over the course of the semester, students will explore sculptural techniques using a variety of materials, including clay, papier-mâché, recycled materials such as cardboard and plastic, and fiber-based processes such as yarn weaving.

Students will learn basic hand-building techniques, construction methods, and surface design while developing an understanding of form, space, texture, balance, and proportion. Emphasis is placed on creativity, problem-solving, and safe use of tools and materials. Through hands-on projects and reflective critique, students will learn to think spatially, evaluate their work, and appreciate three-dimensional art from diverse cultures and time periods.

By the end of the course, students will have created multiple sculptural works demonstrating technical skill, creative expression, and an understanding of three-dimensional design principles.

5003: Drawing and Painting

Program	**Fine Arts**
Credit Type	**8th Grade Elective Credit**
Grade	**8**
Length	**1 Semester**

Drawing and Painting is designed to introduce students to the fundamentals of drawing and painting while building artistic skills, confidence, and the ability to express ideas creatively through a variety of media. Students will explore techniques using pencils, charcoal, ink, watercolor, acrylics, and mixed media.

Throughout the course, students will develop an understanding of line, value, color, composition, texture, and perspective through guided practice and creative projects. Emphasis is placed on observation, experimentation, and the creative process. Students will participate in individual and group critiques to build visual literacy and reflective thinking skills.

By the end of the course, students will have created a portfolio of original artwork that demonstrates technical growth, creative exploration, and a developing personal artistic voice.

Prerequisites for this course include the successful completion of one semester of Art Exploration, Clay and Sculpture, or Upcycled Art.

5004: Upcycled Art

Program	**Fine Arts**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Upcycled Art allows students to explore creativity while learning about the impact humans have on the Earth's environment. Through hands-on, project-based learning, students will give new life to recyclable, old, forgotten, and broken materials by transforming them into original and functional works of art.

Students will experiment with a variety of materials and construction techniques while developing an understanding of design, form, and problem-solving. The course emphasizes sustainability, responsible material use, and creative thinking as students explore how art can promote environmental awareness. Reflection and critique are incorporated to help students articulate artistic choices and evaluate their work.

By the end of the course, students will have created multiple upcycled artworks that demonstrate creativity, craftsmanship, and an understanding of environmental responsibility.

5005: Art Foundations

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Art Foundations serves as the introductory course for all other art offerings and provides students with a comprehensive exploration of the elements and principles of art and design while utilizing the Studio Habits of Mind. Students will develop foundational skills through hands-on experiences that emphasize observation, experimentation, reflection, and creative problem-solving.

Throughout the course, students will be introduced to a variety of media, including drawing, painting, ceramics, and sculpture. Color theory, art history, and critical thinking are integrated through projects, critiques, and class discussions. Emphasis is placed on process, craftsmanship, and visual communication.

Successful completion of Art Foundations is required for students to advance into specialized art courses.

5006: Painting

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**
NCAA	**No**

Painting is designed for students who are eager to learn and strengthen the fundamentals of painting using tempera and acrylic media. Students will develop technical skills and artistic confidence while exploring key concepts such as value, color mixing, proportion, and composition.

Through hands-on projects, students will apply painting techniques to a variety of subjects, including landscapes, portraits, and abstract compositions. Instruction includes methods for planning and transferring images, such as the grid method and transfer techniques, to support accuracy and design development. Emphasis is placed on experimentation, creative expression, and the painting process.

This course provides a strong foundation in painting while encouraging students to explore different styles and techniques.

Prerequisite of the successful completion of Art Foundations.

5007: Ceramics

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Ceramics is an introductory course that focuses on the fundamentals of working with clay. Students will create functional and sculptural forms, including pots, vessels, and other three-dimensional pieces, using a variety of hand-building techniques.

Instruction includes surface decoration, glazing methods, and an overview of firing processes. Students will apply the Elements of Art and Principles of Design while developing craftsmanship, problem-solving skills, and individual creativity. Emphasis is placed on safe studio practices, creative exploration, and appreciation of ceramics as both an art form and a functional medium.

Prerequisite of the successful completion of Art Foundations with a C or higher both semesters is required to enroll in the course.

5008: Drawing

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Drawing is a hands-on course that emphasizes the exploration of a wide range of drawing techniques and media. Students will work with materials such as graphite, charcoal, conté, pen and ink, printmaking processes, and decorative techniques applied to ceramic surfaces.

Projects will range from realistic to abstract and non-objective compositions, allowing students to explore both observational and expressive approaches to drawing. Instruction focuses on line quality, value, texture, composition, and creative problem-solving. This course is designed for students who are passionate about drawing and eager to further develop their technical skills and artistic voice.

Prerequisite of the successful completion of Art Foundations with a C or higher both semesters is required to enroll in the course.

5009: Mixed Media

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Mixed Media invites students to explore and combine a wide range of art media, including clay, printmaking, fibers, collage, and jewelry making. This course emphasizes experimentation and creative risk-taking as students learn to layer materials, techniques, and ideas into original works of art.

Students will focus on developing craftsmanship, creativity, and problem-solving skills while discovering and refining their own artistic style. Through diverse projects and reflective discussions, students will explore how different materials interact and how mixed media can be used to communicate ideas visually.

This course is designed for students who want to experiment, grow their artistic skills, and create a varied body of work.

Prerequisite of the successful completion of Art Foundations with a C or higher both semesters is required to enroll in the course.

5010: Sculpture

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Sculpture is a hands-on course that allows students to explore a variety of three-dimensional sculpting techniques using media such as clay, paper, wire, plaster, wood, and metal. Students will develop skills in construction, form, balance, texture, and spatial design.

Projects will range from realistic to abstract and may include portraits, figures, animals, and object-based sculptures. Instruction emphasizes craftsmanship, problem-solving, and creative expression. Students will apply the Elements of Art and Principles of Design while refining their sculpting techniques and developing their own artistic style.

This course is designed for students who are passionate about three-dimensional art and eager to further refine their sculpting skills.

Prerequisite of the successful completion of Drawing with a C or higher both semesters is required to enroll in the course.

5012: Advanced Ceramics

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Advanced Ceramics builds upon the skills developed in Ceramics and is designed for students ready to deepen their understanding of ceramic art. Students will master more complex hand-building techniques and have the opportunity to learn wheel-throwing methods.

The course emphasizes the Studio Habits of Mind while exploring advanced glazing, surface decoration, and firing processes. Students will apply the Elements of Art and Principles of Design to create more sophisticated and expressive ceramic works. Strong emphasis is placed on personal creativity, craftsmanship, and independent artistic decision-making.

Prerequisite of the successful completion of Ceramics with a C or higher both semesters is required to enroll in the course.

5013: Advanced Drawing

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Advanced Drawing is a hands-on studio course designed for students who wish to further develop and refine their drawing skills. Students will explore advanced techniques using a variety of media, including graphite, charcoal, conté, pen and ink, printmaking processes, and decorative applications on ceramic surfaces.

Projects will range from realistic to abstract and non-objective compositions, encouraging both technical precision and expressive exploration. Emphasis is placed on craftsmanship, conceptual development, and personal artistic style. This course is ideal for students who are passionate about drawing and eager to push their skills to a higher level.

Prerequisite of the successful completion of Drawing with a C or higher both semesters is required to enroll in the course.

5014: Advanced Sculpture

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Advanced Sculpture builds upon the foundational skills developed in Sculpture and is designed for students ready to deepen their exploration of three-dimensional art. Students will refine and master advanced sculptural techniques using a variety of media, including clay, wire, plaster, wood, and metal.

Projects will focus on more complex and abstract forms, encouraging students to push creative boundaries and take artistic risks. Emphasis is placed on conceptual development, artistic problem-solving, and craftsmanship. Students will apply the Elements of Art and Principles of Design while developing a strong personal approach to three-dimensional work.

This course is intended for students who are eager to advance their skills and take their sculptural practice to the next level.

Prerequisite of the successful completion of Sculpture with a C or higher both semesters is required to enroll in the course.

5015: Advanced Mixed Media

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Advanced Mixed Media builds upon the skills developed in Mixed Media and is designed for students ready to deepen their exploration of combined media practices. Students will refine techniques while working with a variety of materials and processes, engaging in more complex and concept-driven projects.

The course emphasizes advanced craftsmanship, artistic experimentation, and creative risk-taking. Students will continue to develop a personal artistic style while exploring how materials, techniques, and ideas interact to communicate meaning. Reflection and critique are incorporated to support artistic growth and conceptual development.

This course is intended for students who want to elevate their mixed media practice and expand their creative capabilities.

Prerequisite of the successful completion of Mixed Media with a C or higher both semesters is required to enroll in the course.

5016: Advanced Painting

Program	**Fine Arts**

Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Advanced Painting builds upon the skills developed in Painting and is designed for students seeking to deepen their technical and creative painting abilities. Students will explore advanced techniques and concepts such as value, color theory, composition, and expressive use of color.

Working primarily with tempera and acrylic media, students will create more complex landscapes, portraits, and abstract works. The course emphasizes refining a personal artistic style, pushing creative boundaries, and experimenting with painting on unconventional surfaces and textures. Instruction focuses on advanced craftsmanship, conceptual thinking, and artistic risk-taking.

This course is intended for students who wish to elevate their painting practice to a higher level.

Prerequisite of the successful completion of Painting with a C or higher both semesters is required to enroll in the course.

5017: Senior Capstone

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Senior Capstone is an advanced studio course designed to support students in developing a focused and cohesive body of artwork aligned with their individual artistic interests and career goals. Students receive personalized instruction, mentorship, and ongoing critique while exploring their chosen media, techniques, and concepts in collaboration with the instructor.

Throughout the course, students will plan, develop, and refine a series of projects that demonstrate advanced technical skill, conceptual depth, and personal artistic voice. Emphasis is placed on independent work habits, artistic problem-solving, and professional presentation.

By the end of the course, students will produce a cohesive portfolio of work that will be showcased in the Senior Capstone Art Show. Students will also receive guidance in photographing their artwork and preparing materials for college art programs, scholarships, and other postsecondary opportunities.

Prerequisite of the successful completion of and advanced art class with a B or higher both semesters is required to enroll in the course.

5017: Dual Credit Crowder College Art Appreciation

Program	**Fine Arts**

Course Credit	**0.5 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Art Appreciation is a survey course that explores major concepts in the visual arts and their relationship to the societies and cultures that produced them. This course provides an introduction to art history, contemporary art, art theory, artistic media, and creative processes.

Students will examine artworks from various styles, periods, and cultures while developing an understanding of how visual art functions as a form of communication. Emphasis is placed on visual analysis, cultural context, and critical thinking. Through discussion, observation, and reflective activities, students will develop a greater appreciation for the visual arts and their role in human expression.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

6001: Exploratory Band

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Exploratory Band is designed for students who are interested in beginning band in 7th or 8th grade, as well as for current band students who wish to enroll in an additional band course during the school day. This course provides a supportive environment for students to develop fundamental instrumental skills while exploring band participation.

Beginning students will receive instruction in basic music reading, rhythm, tone production, and proper playing techniques. Students using this course as an additional band period may use the time to further develop their skills or learn a second instrument. Emphasis is placed on individual growth, practice habits, and musicianship.

Students are expected to provide their own instrument. A limited number of school-owned instruments may be available upon request, based on availability.

6002: Concert Band

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Concert Band prepares students to perform a variety of band literature while developing both individual musicianship and ensemble performance skills. Students will focus on proper breathing techniques, tone quality, intonation, articulation, range development, and music reading skills. Instruction emphasizes collaboration, discipline, and musical expression within a large ensemble setting.

Throughout the course, students will participate in regular rehearsals and public performances. Students will perform in a minimum of two concerts, one large group contest, and may participate in additional festivals throughout the school year. Opportunities are provided for students to audition for All-District Honor Band, prepare and perform a solo, and participate in small ensemble performances.

Middle school band participation is strongly encouraged, but not mandatory. Placement in this course will be determined based on auditions.

6003: Jazz Band

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Jazz Band provides students the opportunity to perform and study jazz, an American art form rooted in rich historical and cultural traditions. Students will explore the origins and evolution of jazz while developing an understanding of jazz theory, style, and performance practices.

Throughout the course, students will refine playing techniques with an emphasis on jazz-specific style, articulation, rhythm, and phrasing. Instruction also focuses on developing advanced listening skills and ensemble awareness. All students will be introduced to basic improvisation and will be asked to improvise solos on a limited basis to build confidence and musical creativity.

Students may perform at concerts, festivals, and community events throughout the school year. Written assignments may be required to support students' understanding of jazz history, theory, and performance practices.

Co-enrollment in Concert Band and/or audition is required for placement in the course.

6004: Wildcat Beat

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Wildcat Beat is an interactive course that introduces students to the fundamentals of music through singing, movement, instrumental activities, and focused listening experiences. Students will explore core musical concepts—including rhythm, melody, harmony, dynamics, and tempo—using creative and engaging methods.

Instruction emphasizes active participation, musical expression, and foundational music literacy. Students will develop listening skills, rhythmic accuracy, and an appreciation for a wide variety of musical styles and cultures. This course is designed to build confidence, creativity, and a lifelong appreciation for music.

6005: Music Exploration

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Music Exploration offers a comprehensive introduction to a wide range of musical genres, instruments, and fundamental music concepts. Students will engage in listening activities, creative projects, and hands-on exploration to develop a deeper understanding and appreciation for the art of music.

Instruction focuses on rhythm, melody, harmony, dynamics, tempo, and form through interactive and age-appropriate activities. Students will explore music from diverse cultures, historical periods, and contemporary styles while developing music literacy and critical listening skills. This course is not a vocal performance-based course and is designed for students interested in learning about music beyond singing.

6006: Band

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Students enrolled in Band are required to participate in both Fall Wildcat Pride Marching Band and Symphonic/Concert Band. Each component develops musicianship, performance skills, and teamwork through rehearsals, performances, and competitive experiences. Requirements and expectations for each program are outlined below.

Fall Wildcat Pride Marching Band

Fall Wildcat Pride Marching Band is a co-curricular performance organization. Students are assigned performance roles based on the needs of the ensemble. The purpose of this group is to perform at home football games, marching band competitions, pep rallies, parades, and community events. Students should expect to travel for competitions.

Participation requires students to meet eligibility requirements for both Wildcat Standards and MSHSAA regulations for competitive events. As one of the largest and most visible student organizations, marching band provides students the opportunity to serve as leaders and representatives of the high school.

Students must demonstrate a strong commitment to rehearsals and performances. Rehearsals are held before, during, and after school and are included as part of the course grade. Daily rehearsals begin at 7:00 a.m., with evening sectional rehearsals scheduled one night per week. Conflicts due to other school activities may be excused with a minimum two-week advance notice to the directors.

A course fee of $110.00 per year is required to assist with competition meals, drinks at games, snacks throughout the season, travel, and lodging. Checks should be made payable to the Neosho School District. Fundraising opportunities are available, and students experiencing financial hardship should contact the director.

Symphonic Band / Concert Band

Symphonic Band and Concert Band begin immediately following the conclusion of the marching band season. Students will prepare and present a minimum of two concerts each year and are required to participate in district, state, and community activities.

Auditions held in the spring will determine placement for the spring semester. Students may also participate in extended musical experiences, including solos, small ensembles, and chamber ensembles, based on interest and participation. Eligibility requirements for Wildcat Standards and MSHSAA must be met for competitive participation.

Honors Credit Requirements for Band (12th Grade Only)

Honors credit for Band is independent of Honors Jazz Band requirements. To earn honors credit, students must complete **at least two requirements from each category below**.

Category One (Choose at least two):

- 10 hours of tutoring junior high or middle school band students (coordination with the director required)
- Member of SWMMEA District Honor Band
- Member of Missouri Bandmasters State Honor Band
- Division I rating at district solo or ensemble contest
- Division I rating at state solo or ensemble contest
- Attendance at a local clinic or masterclass on the student's instrument

Category Two (Choose at least two):

- Alternate for SWMMEA District Honor Band
- Member of Conference Band
- Member of 4-State Honor Band
- Member of MU Junior Honor Band
- Member of Show Choir Band
- Division II rating at a solo or ensemble contest
- Perform at all Pepcats events
- Perform a solo or small ensemble at a local community event

Prerequisites for this course include successful completion of a band course the previous year. Students who have not successfully completed the previous band course will be required to audition before being placed in the course.

6007: Color Guard

Program	**Fine Arts**
Course Credit	**0.5 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester (Fall Only)**
NCAA	**No**

Color Guard combines dance, drama, performance, and the skilled manipulation of flags, sabers, and rifles as part of the pageantry arts. This performing ensemble is an integral component of the Wildcat Pride Marching Band and contributes to the visual and expressive elements of marching band performances.

The purpose of Color Guard is to perform at home football games, marching band competitions, pep rallies, parades, and community events. Students develop performance technique, coordination, teamwork, and stage presence through rehearsals and public performances.

Eligibility requirements for participation must be met in accordance with Wildcat Standards and MSHSAA guidelines for competitive events.

Students enrolled in this course are members of the Wildcat Pride Marching Band and must meet the rehearsal, participation, and monetary requirements outlined above for the Wildcat Marching Band members. Additional items such as makeup, gloves, rifles, uniform, and equipment bags may be required for purchase by the student.

6008: Jazz Ensemble

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Jazz Ensemble is an advanced performance course for ensemble members focused on the study and performance of jazz, an American art form rooted in rich historical and cultural traditions. Students will explore the history and cultural significance of jazz while developing advanced musicianship, stylistic interpretation, and ensemble performance skills.

Instruction emphasizes advanced music theory, jazz harmony, rhythm, articulation, phrasing, and listening skills. All students will be expected to improvise solos on a regular basis as part of ensemble performance and skill development. Writing assignments may be required to deepen students' understanding of jazz theory, history, and performance practices.

Students will perform at concerts, festivals, and community events throughout the school year and will participate in the spring competitive travel season. Eligibility requirements for participation must be met in accordance with Wildcat Standards and MSHSAA guidelines for competitive events.

Instrumentation for this ensemble includes alto, tenor, and baritone saxophone; trumpet; trombone; guitar; bass; piano; vibraphone; and percussion. Students who wish to study a second instrument may participate in a lab band until their skill level prepares them for placement in a competitive ensemble.

Honors Credit Requirements for Jazz Ensemble (12th Grade Only)

Honors credit opportunities for Jazz Ensemble are independent of Honors Band credit requirements. To earn honors credit, students must complete **at least two requirements from each category below**.

Category One (Choose at least two):

- 10 hours of tutoring junior high or middle school band students (coordination with the director required)
- Member of SWMMEA District Jazz Band
- Member of Missouri Bandmasters State Jazz Band
- Recognized as an outstanding soloist at a contest
- Attendance at a local jazz clinic, camp, or masterclass
- Perform an approved transcribed solo over chord changes

Category Two (Choose at least two):

- Alternate for SWMMEA District Jazz Band
- Perform improvisation at a solo contest
- Perform in a combo at a local community event
- Transcribe an approved jazz solo

Prerequisites for this course include co-enrollment in Symphonic Band or Concert Band. Students must audition during the spring of the previous school year. Any exceptions may be made at the discretion of the director.

6009: Dual Credit Crowder College Music Appreciation

Program	**Fine Arts**
Course Credit	**0.5 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Music Appreciation is a survey course that examines the development of music from the Middle Ages to the present day. Students will explore the cultural, historical, and social forces that shaped the musical expressions of each era.

The course is designed to provide students with the musical vocabulary, listening skills, and analytical tools necessary for a meaningful and enriching understanding of music literature. Through guided listening, discussion, and reflection, students will develop a deeper appreciation for a wide range of musical styles, genres, and traditions.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

6010: Unified Music Exploration

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Unified Music Exploration is an inclusive course designed for students with special needs in grades 9–12, as well as seniors who wish to serve as peer mentors and earn A+ tutoring hours. This uniquely designed program celebrates the joy of music while honoring individual abilities, learning styles, and needs.

In a supportive and collaborative environment, students will engage in a variety of musical experiences that promote self-expression, creativity, and personal growth. Activities may include listening to and discussing music, creating music, participating in movement-based activities, and singing as appropriate for each student. Peer mentors will support engagement, encouragement, and positive social interaction.

This course emphasizes inclusion, cooperation, and the power of music as a means of communication and connection.

7001: Accompanist

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Accompanist is designed to meet both individual and class needs by serving as accompanists for choir classes during the school day, focusing on sight-reading, score interpretation, balance, and ensemble awareness.

The course introduces students to music technology, including synthesizers and MIDI software, to support performance, rehearsal, and creative exploration. Instruction is individualized to support varying skill levels and musical goals.

Students enrolled in this course must be available to perform as accompanists at concerts, contests, and competitions as required. Emphasis is placed on professionalism, preparation, and reliability in performance settings.

Students must be proficient in piano. Students must be versed in keyboard harmony (transposition, harmonization, and fundamentals of improvisation).

7002: Concert Chorale

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Choir provides students with the opportunity to develop the vocal production skills required for healthy and expressive singing. Students will study proper vocal technique, including breath support, diction, resonance, vocal registers, and the physiology of singing.

The repertoire will include a variety of musical literature representing different styles, cultures, and historical periods. Emphasis is placed on musical interpretation, ensemble skills, and vocal confidence. Students will apply learned techniques through rehearsals and performances while developing listening skills and musical literacy.

Students may participate in concerts, festivals, and other performance opportunities throughout the school year.

Auditions are required for placement into this course.

7003: Mixed Chorus

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Mixed Chorus provides students with the opportunity to develop the vocal production skills required for healthy and expressive singing. Students will study proper vocal technique, including breath support, diction, resonance, vocal registers, and the physiology of singing.

The repertoire will include a variety of choral literature representing diverse styles, cultures, and historical periods. Instruction emphasizes ensemble skills, musical literacy, and interpretive performance. Students will apply vocal techniques through rehearsals and performances while developing confidence and collaboration as choral musicians.

Students may participate in concerts, festivals, and other performance opportunities throughout the school year.

7004: Wildcat Singers

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Wildcat Singers is a coed choir course that provides students with the opportunity to develop the vocal production skills required for healthy and expressive singing. Students will study proper vocal technique, including breath support, diction, resonance, vocal registers, and the physiology of singing.

The repertoire will consist of a variety of choral and contemporary literature performed through both song and dance. Emphasis is placed on musical interpretation, stage presence, movement, and ensemble performance. Students will apply learned skills through rehearsals, concerts, contests, and community performances.

Auditions are required for placement in this course. Students may be required to travel for contests and community performances throughout the school year.

7005: Sho-Stoppers

Program	**Fine Arts**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Sho-Stoppers is a show choir course designed for 7th and 8th grade girls. Students will develop vocal technique, master choreography, and refine performance skills while preparing for competitive and community performance opportunities.

Instruction focuses on vocal production, blend, balance, musical interpretation, movement, and stage presence. Students will apply these skills through rehearsals and performances that combine singing and choreography. Emphasis is placed on teamwork, discipline, confidence, and professionalism.

Students will prepare for and participate in multiple competitions and community performances throughout the school year.

Auditions are required for placement into this course.

7006: Concert Choir

Program	**Fine Arts**

Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Concert Choir provides high school students with the opportunity to develop essential choral fundamentals that prepare them for advanced and competitive choral ensembles later in their high school experience. Instruction emphasizes music literacy, sight-singing, and proper vocal production to build a strong technical foundation.

Students will develop the skills necessary to rehearse and perform more advanced choral literature representing a variety of musical styles and traditions. Emphasis is placed on ensemble skills, musical interpretation, and vocal confidence.

Students will participate in concerts, contests, and community performances throughout the year. Performances are a significant component of the course grade and require a high level of commitment and preparation.

Students must audition before being placed in the course. Students must maintain Wildcat Standards and MSHSAA Eligibility.

7007: Choraleers

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Choraleers is for students working primarily with the popular idioms of jazz, swing, and rock music. Students will gain the skills needed to be successful in collegiate and professional music, gain a greater understanding of popular vocal and dance techniques. Students will have frequent opportunities for public performance. Attendance at all performances and rehearsals held before, during, and after school is required and is part of the student's grade. This course if for an elite group of singers and dancers that will travel to several competitions and performances outside of school each year and every student is expected to exhibit positive character and behavior at all times.

Honors Credit Requirements for Choraleers (12th Grade Only)
These requirements are independent and separate from honors credit for Cecilian Choir. Students must have been enrolled in a choir prior to their senior year and enrolled in their entire senior year to earn honors credit. To obtain honors credit, students must complete the following requirements:

Must complete at least 2 of the following:
- Member of SWMMEA District Honor Choir
- Member of MCDA All-State Choir
- Member of SWACDA or National ACDA Honor Choir (alternate years)
- 1 Exemplary Rating at District Solo / Ensemble Contest
- 1 Exemplary Rating at State Solo / Ensemble Contest

Must complete at least 2 of the following:
- Cadet for Jr High Show Choir for the entire year. Coordination with the director is required.
- Alternate for the MCDA All-State Choir
- Member of the MCDA All-State 9th and 10th Grade Choir the summer prior to the school year
- Member of the MCDA All-State Show Choir the summer prior to the school year
- Be cast in the Fall Musical and follow through to the performances
- Perform the National Anthem at a sporting event as a solo or with a small ensemble with teacher approval
- Attend the Men's Choir Festival at MSU
- Attend the Men's or Women's Choir Festival at UCM
- Attend the Invitational Honor Choir at MSU (members selected by teacher)
- Chamber Choir Member

Prerequisite requirements include students being enrolled in Cecilian or Concert Choir unless weighted or required core classes are needed. Students must also meet both the Wildcat Standards and MSHSAA standards for eligibility. An activity fee for the course of $350.00 will be collected from members of the class to cover their costumes and hotel fees. Fundraising opportunities will be provided to defer some of the cost.

7008: Cecilian Choir

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Cecilian Choir represents the highest level of choral performance and is designed to prepare students for musical study and performance at collegiate and professional levels. This elite ensemble emphasizes artistic excellence, advanced musicianship, and expressive performance.

Students develop an aesthetic understanding of music while receiving advanced instruction in sight-reading, ear training, and vocal technique. Repertoire includes a wide range of musical styles studied within their historical and cultural contexts. The ensemble strives for excellence in tone quality, blend, balance, intonation, and musical interpretation.

Students will perform in both school-based and travel performances throughout the year, including contests and community events. All performances are required and are a major component of the course grade.

Honors Credit Requirements for Cecilian Choir (12th Grade Only)
Honors credit opportunities for Cecilian Choir are independent of honors credit for Choraleers. To earn honors credit, students must have been enrolled in a choir prior to their senior year and be enrolled in Cecilian Choir for the entire senior year.

Students must complete **at least two requirements from each category below**.

Category One (Choose at least two):

- Member of SWMMEA District Honor Choir
- Member of MCDA All-State Choir
- Member of SWACDA or National ACDA Honor Choir (alternate years)
- One *Exemplary* rating at District Solo / Ensemble Contest
- One *Exemplary* rating at State Solo / Ensemble Contest

Category Two (Choose at least two):

- Cadet for Junior High Choir for the entire year (coordination with the director required)
- Alternate for MCDA All-State Choir
- Member of MCDA All-State 9th and 10th Grade Choir (summer prior to the school year)
- Cast member in the Fall Musical with full participation through performances
- Perform the National Anthem at a sporting event as a soloist or in a small ensemble with teacher approval
- Attend the Men's Choir Festival at MSU
- Attend the Men's or Women's Choir Festival at UCM
- Attend the Invitational Honor Choir at MSU (by teacher selection)
- Chamber Choir member

7009: Wildcat Chorale

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Wildcat Chorale is an entry-level choral course open to students in grades 9–12 and does not require an audition. This course is designed to build a strong foundation in choral singing and musicianship.

Instruction emphasizes the fundamentals of music literacy, tone production, sight-reading, and intonation. Students will work to improve vocal technique, develop accurate pitch and blend, and gain familiarity with basic musical terms and theory. Daily singing is an essential component of the course, and students will build the skills necessary to perform intermediate-level choral literature.

Students are required to participate in up to three performances throughout the school year. Performances are a component of the course grade and support the development of confidence and ensemble skills.

7010: Vocal Techniques

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Vocal Techniques is an advanced vocal music course designed to improve individual performance through rigorous individual and coached rehearsal time. This course is intended for students who are interested in strengthening their solo singing voice while developing advanced sight-reading and ear-training skills.

Students will receive focused instruction on vocal technique, interpretation, and performance preparation. Each student enrolled is required to audition for All-District Choir during the fall semester and to participate in the District Solo/Ensemble Contest in the spring.

This course also serves as preparation for students planning to pursue vocal music at the collegiate level, including guidance for college entrance and scholarship auditions.

This course is open to any student concurrently enrolled in an auditioned choir. Performing solos and auditioning for honor choirs are required.

7011: Phenomenon

Program	**Fine Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Phenomenon is an audition-based, all–tenor and bass show choir that focuses primarily on popular musical styles, including jazz, swing, and rock. This ensemble provides students with the opportunity to perform in a professional-level musical and dance setting while developing advanced vocal technique, choreography, and stage presence.

Students will gain a deeper understanding of vocal performance, movement, and ensemble collaboration through rehearsals and public performances. Choraleers frequently perform at community concerts and represent Neosho in competitions throughout the state.

Attendance at rehearsals, performances, and competitions is a significant component of the course grade. Students are expected to remain in good academic standing and demonstrate a high level of responsibility and character both in and out of school.

Students must audition before being placed in the course. Students must maintain Wildcat Standards and MSHSAA Eligibility. An activity fee of $350.00 will be collected from each student to cover their costumes and hotel fees. Fundraising opportunities will be provided to defer some of the costs.

Fine Arts Course Pathways

Drawing Pathway

Grade	Course Code	Title	Credits
7		Art Exploration and Upcycled Art or Clay and Sculpture	
8		Art Exploration and Upcycled Art or Clay and Sculpture	
9	5005	Art Foundations	1.0
10	5008	Drawing	1.0
11	5013	Advanced Drawing	1.0
12	5017	Senior Capstone	1.0
		Total Credits Needed Credits	**4**

Sculpture Pathway

Grade	Course Code	Title	Credits
7		Art Exploration and Upcycled Art or Clay and Sculpture	
8		Art Exploration and Upcycled Art or Clay and Sculpture	
9	5005	Art Foundations	1.0
10	5010	Sculpture	1.0
11	5014	Advanced Sculpture	1.0
12	5017	Senior Capstone	1.0
		Total Credits Needed Credits	**4**

Painting Pathway

Grade	Course Code	Title	Credits
7		Art Exploration and Upcycled Art or Clay and Sculpture	
8		Art Exploration and Upcycled Art or Clay and Sculpture	
9	5005	Art Foundations	1.0
10	5006	Painting	1.0
11	5016	Advanced Painting	1.0
12	5017	Senior Capstone	1.0
		Total Credits Needed Credits	**4**

Mixed Media Pathway

Grade	Course Code	Title	Credits
7		Art Exploration and Upcycled Art or Clay and Sculpture	
8		Art Exploration and Upcycled Art or Clay and Sculpture	
9	5005	Art Foundations	1.0
10	5009	Mixed Media	1.0
11	5015	Advanced Mixed Media	1.0
12	5017	Senior Capstone	1.0
		Total Credits Needed Credits	**4**

Ceramics Pathway

Grade	Course Code	Title	Credits
7		Art Exploration and Upcycled Art or Clay and Sculpture	
8		Art Exploration and Upcycled Art or Clay and Sculpture	
9	5005	Art Foundations	1.0
10	5007	Ceramics	1.0
11	5012	Advanced Ceramics	1.0
12	5017	Senior Capstone	1.0
		Total Credits Needed Credits	**4**

	Total Credits	**4**

Foreign Language

Foreign Language Course Descriptions

8001: Spanish I

Program	**Foreign Language**
Course Credit	**1.0 Foreign Language Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Spanish I introduces students to the fundamentals of the Spanish language with an emphasis on basic grammar and vocabulary development. Students will acquire foundational skills in listening, speaking, reading, and writing through structured practice and interactive activities.

Cultural exploration is an integral part of the course, allowing students to examine the traditions, customs, and perspectives of Spanish-speaking countries. This course is designed for students interested in learning Spanish and for those seeking to meet requirements for the Honors Diploma by completing two years of a foreign language in high school.

8002: Spanish II

Program	**Foreign Language**
Course Credit	**1.0 Foreign Language Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Spanish II is a continuation of Spanish I and expands students' language proficiency through the introduction of additional thematic vocabulary and more complex grammatical structures, including stem-changing verbs. Students will continue to develop listening, speaking, reading, and writing skills while communicating about familiar topics.

Cultural awareness remains a key focus as students explore the customs, traditions, and perspectives of Spanish-speaking countries. This course is designed for students who wish to continue their study of Spanish and for those seeking to meet the Honors Diploma requirement by successfully completing two years of a foreign language in high school.

Prerequisites for this course include the successful completion of Spanish I.

8003: Spanish III

Program	**Foreign Language**

Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Spanish III is a continuation of Spanish II and focuses on developing advanced language proficiency. Students will expand thematic vocabulary and study more complex grammatical structures, including narrating events in both the past and future tenses.

Instruction emphasizes continued growth in listening, speaking, reading, and writing skills, with increased use of the target language in class. Cultural awareness remains a central component as students explore perspectives, practices, and products of Spanish-speaking cultures. Some independent study may be required to support language development.

This course is conducted primarily in Spanish and prepares students for advanced coursework such as AP Spanish or college-level Spanish upon completion.

Prerequisites for this course include the successful completion of Spanish II.

8004: Dual Credit Crowder College SPAN-101

Program	**Foreign Language**
Course Credit	**0.5 Foreign Language Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Dual Credit Spanish 101 is a multimedia course that integrates video, audio, interactive software, and print materials to introduce students to Spanish language and culture. The course immerses students in contemporary, living Spanish as it is spoken by native speakers in everyday situations.

Emphasis is placed on developing communication proficiency through listening, speaking, reading, and writing activities. Students will also explore cultural practices and perspectives of Spanish-speaking communities to enhance language understanding and real-world application.

Students enrolling in this course are pursuing a certificate from Crowder College in Spanish. Earning a Spanish certificate from Crowder College provides students with practical language skills and cultural understanding that support academic success and career readiness. Students develop proficiency in speaking, listening, reading, and writing in Spanish while gaining insight into Spanish-speaking cultures. A Spanish certificate enhances employability across fields such as healthcare, education, business, public service, and customer relations, and provides a strong foundation for continued study at the collegiate level.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

8005: Dual Credit Crowder College SPAN-102

Program	**Foreign Language**
Course Credit	**0.5 Foreign Language Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Dual Credit Crowder College Spanish 102 continues the study of Spanish language and culture with an emphasis on communication proficiency through immersion in current, living Spanish used in everyday situations. Students will build upon foundational language skills as they further develop proficiency in speaking, listening, reading, and writing in Spanish. Instruction focuses on practical communication, grammatical accuracy, and expanded vocabulary to support meaningful interaction in real-world contexts.

Cultural exploration is integrated throughout the course as students examine the traditions, perspectives, and social practices of Spanish-speaking communities. By engaging with authentic materials and communicative activities, students gain a deeper understanding of how language and culture are interconnected.

Successful completion of SPAN 102 supports progress toward a Spanish certificate from Crowder College. The certificate provides students with practical language skills and cultural competence that enhance academic success and career readiness. Spanish proficiency is valuable across multiple career fields, including healthcare, education, business, public service, and customer relations, and offers a strong foundation for continued study in Spanish at the collegiate level.

Prerequisites for this course include successful completion of Dual Credit Crowder College SPAN-101.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

8006: Dual Credit Crowder College SPAN-201

Program	**Foreign Language**
Course Credit	**0.5 Foreign Language Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Dual Credit Crowder College Spanish 201 continues the study of Spanish language and culture with an emphasis on developing communication proficiency through immersion in current, living Spanish used in everyday situations. Students will further strengthen listening, speaking, reading, and writing skills while increasing vocabulary and refining grammatical accuracy.

Instruction focuses on meaningful communication and cultural context, allowing students to engage with authentic materials and real-world language use. Cultural perspectives, practices, and products of Spanish-speaking communities are integrated throughout the course to deepen understanding of the relationship between language and culture.

Prerequisites for this course include the successful completion of Dual Credit Crowder College SPAN-102.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

8007: Dual Credit Crowder College SPAN-202

Program	**Foreign Language**
Course Credit	**0.5 Foreign Language Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Dual Credit Crowder College Spanish 202 continues the study of Spanish language and culture through immersion in current, living Spanish used in everyday situations. Emphasis is placed on developing communication proficiency as students strengthen listening, speaking, reading, and writing skills in meaningful contexts.

Instruction integrates cultural perspectives, practices, and products of Spanish-speaking communities to enhance language comprehension and real-world application. Students will engage with authentic materials and interactive activities designed to build confidence and fluency in Spanish.

Prerequisites for this course include the successful completion of Dual Credit Crowder College SPAN-201.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

8008: Dual Credit Crowder College SPAN-105

Program	**Foreign Language**
Course Credit	**0.5 Foreign Language Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Dual Credit Crowder College Spanish 105 is designed for students who already possess a foundational knowledge of the Spanish language, including both traditional language learners and heritage speakers who enter the program with varying levels of proficiency across listening, speaking, reading, and writing skills. The course emphasizes advanced idiomatic usage, expanded vocabulary, grammar, and syntax to support accurate and effective communication.

Instruction focuses on the continued development of oral and written communication skills through discussion, presentations, and writing assignments. Students will engage with authentic materials that highlight Hispanic culture, history, art, and literature, allowing for deeper cultural understanding and contextual language use.

Students are required to log conversation hours with the instructor and classmates to strengthen fluency and confidence in spoken Spanish. Additionally, students must complete the computerized Oral Proficiency Interview (OPIc) to assess language proficiency. The assessment fee is $115, and scholarships are available through the Spanish department to assist with this cost.

Prerequisites for this course include the successful completion of Dual Credit Crowder College SPAN-202.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

8009: Spanish for Heritage Speakers I

Program	**Foreign Language**
Course Credit	**1.0 Elective Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Spanish for Heritage Speakers I is designed for students who grew up speaking and/or listening to Spanish in the home but have had limited or no formal instruction in the language. This course serves students who are orally proficient in Spanish but have developing skills in reading and writing.

Instruction focuses on strengthening literacy skills through the development of written compositions and exposure to a variety of literary genres. Students will expand vocabulary, refine grammar, and improve formal language usage while building confidence in academic Spanish. Cultural exploration is integrated throughout the course as students examine similarities and differences within Hispanic cultures, fostering deeper cultural awareness and appreciation.

This course serves as the introductory course for students pursuing the Seal of Biliteracy and provides a strong foundation for advanced Spanish coursework.

8010: Spanish for Heritage Speakers II

Program	**Foreign Language**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Spanish for Heritage Speakers II is designed for students who have completed Spanish for Heritage Speakers I and are orally proficient in Spanish. This course builds upon students' existing language skills while further developing advanced literacy and communication abilities.

Students will expand their written composition skills, construct oral arguments, express and support opinions, discuss hypothetical situations, and engage with a variety of literary genres. Instruction emphasizes formal language use, critical thinking, and effective communication in both written and spoken Spanish. Cultural exploration continues as students examine diverse perspectives and experiences within Hispanic cultures.

This course is part of the Seal of Biliteracy pathway. Students who successfully complete the course may test to earn the Seal of Biliteracy endorsement on their high school diploma.

Prerequisites for this course include successful completion of Spanish for Heritage Speakers I.

8011: AP Spanish Language and Culture

Program	**Foreign Language**
Course Credit	**1.0 Foreign Language Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**No**

AP Spanish Language and Culture is an advanced course designed to develop students' proficiency in Spanish while expanding cognitive, analytical, and communication skills. The course prepares students for the College Board's AP Spanish Language and Culture examination and emphasizes real-world language use in a variety of contexts.

Instruction is based on the three modes of communication—interpersonal, interpretive, and presentational—as defined in the *Standards for Foreign Language Learning in the 21st Century*. The course is structured as an immersion experience and is conducted almost exclusively in Spanish. Students engage with authentic materials and explore cultural practices, products, and perspectives of the Spanish-speaking world.

All student work, including class activities, practice exercises, projects, participation, and assessments, is completed in Spanish. This course is intended for highly motivated students who are prepared for rigorous language study and advanced communication challenges.

Prerequisites for this course include the successful completion of Spanish III. Students are financially responsible for AP exam fees. This course is weighted only if the student completes the AP exam at the end of the semester. If a student opts not to take the AP exam, the course will hold a regular GPA weight.

Healthcare

Healthcare Course Descriptions

9010: Dual Credit Crowder College ALH-106

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Phlebotomy Techniques is an introductory course that prepares students for entry-level skills in phlebotomy. Students will learn proper venipuncture procedures, specimen collection, and the basic laboratory tests commonly associated with phlebotomy practice.

This course is taught as a combined lecture and laboratory experience. Students are introduced to foundational concepts and then provided opportunities to develop and practice essential skills in a supervised lab setting. Emphasis is placed on safety, accuracy, infection control, patient interaction, and professionalism.

This course provides foundational preparation for students interested in healthcare careers, laboratory sciences, or further training in phlebotomy.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of Child Development I.

9011: Dual Credit Crowder College ALH-107

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Electrocardiography (EKG) is an introductory course that prepares students to understand and perform basic electrocardiographic procedures. Students will learn proper lead placement, operation of EKG equipment, and identification of normal and abnormal heart rhythms.

This course is taught as a combined lecture and laboratory experience. Students are introduced to foundational concepts and then provided opportunities to develop and practice essential EKG skills in a supervised lab setting. Emphasis is placed on accuracy, patient safety, medical terminology, and professionalism.

This course provides foundational preparation for students interested in healthcare careers, including medical assisting, nursing, and other allied health fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of Phlebotomy Techniques (ALH-106).

9012: Dual Credit Crowder College CNA-101

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Certified Nursing Assistant is a preparatory course designed to enable students to work in hospitals, clinics, nursing homes, or home health care settings while providing basic nursing care. This course introduces students to the healthcare delivery system, the roles of the healthcare team, and essential patient care responsibilities.

Students will develop skills in medical observation, patient assessment, documentation, and reporting techniques. Emphasis is placed on professionalism, communication, safety, and ethical responsibility in patient care. Certified Nursing Assistants—also known as nurse's aides, orderlies, patient care technicians, or home health aides—work under the supervision of a nurse and assist patients with daily living activities.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of ALH-106 and ALH-107. Student must enroll in CNA-105 the same semester as enrolling in CNA-101.

9013: Dual Credit Crowder College CNA-105

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

CNA 105 is a clinical preparatory course designed to provide students with hands-on experience in hospitals, clinics, nursing homes, or home health care settings while delivering basic nursing care. This course focuses on applying knowledge and skills learned in the classroom to real-world healthcare environments.

Students are required to complete 100 hours of supervised clinical experience, gaining practical exposure to the healthcare delivery system, teamwork within the healthcare setting, medical observation, documentation and reporting techniques, and patient assessment. Emphasis is placed on professionalism, safety, communication, and ethical responsibility in patient care.

This course supports skill development necessary for entry-level employment and certification as a Certified Nursing Assistant.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of ALH-106 and ALH-107. Student must enroll in CNA-101 the same semester as enrolling in CNA-105.

9014: Dual Credit Crowder College ALH-110

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Patient Care Technician is a preparatory course designed to develop the personal traits and professional skills required for students to perform as competent entry-level patient care technicians in a hospital or clinical setting.

Students will be introduced to providing basic patient care, obtaining and interpreting EKG readings, monitoring and recording vital signs, performing phlebotomy procedures, and providing emotional support to patients and their families. Emphasis is placed on professionalism, communication, safety, teamwork, and ethical responsibility in healthcare environments.

This course provides foundational preparation for students interested in healthcare careers and supports continued training or certification in patient care and allied health fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Prerequisites for this course include successful completion of CNA-101 and CNA-105.

86030: Healthcare Explorations

Program	**Healthcare**
Credit Type	**7th and 8th Grade Elective Credit**
Grade	**7,8**
Grading Scale	**Default**

Length	**1 Semester**

Healthcare Explorations is an introductory course designed to expose junior high students to the wide range of careers within the healthcare field. Students will explore how healthcare professionals work together to support individual and community health, while gaining an understanding of basic medical concepts, terminology, and systems.

Through hands-on activities, interactive projects, and real-world examples, students will investigate healthcare pathways such as nursing, medicine, allied health, mental health, public health, and emergency services. Emphasis is placed on developing foundational skills including communication, teamwork, professionalism, ethical decision-making, and problem-solving—skills essential for success in any healthcare career.

Students will also learn about personal wellness, disease prevention, and the role of healthcare in society, helping them make informed decisions about their own health while building early awareness of future college and career opportunities. This course is designed to spark curiosity, build confidence, and help students begin identifying interests related to healthcare pathways in high school and beyond.

Dual Credit Crowder College Basic Pharmacology: Dual Credit Crowder College Basic Pharmacology

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College CNS-101: Dual Credit Crowder College CNS-101

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Prerequisites
Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College COMM-220: Dual Credit Crowder College COMM-220

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College Community Health: Dual Credit Crowder College Community Health

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College Health and Safety: Dual Credit Crowder College Health and Safety

Program	**Healthcare**
Course Credit	**0.5**

Dual Credit Crowder College Medical Terminology: Dual Credit Crowder College Medical Terminology

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**

Dual Credit Crowder College Phlebotomy Techniques: Dual Credit Crowder College Phlebotomy Techniques

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**

Health Care Workbased Learning: Health Care Workbased Learning

Program	**Healthcare**
Course Credit	**1.0 Elective Credit**

Health Science I: Health Science I

Program	**Healthcare**
Course Credit	**1.0 Elective Credit**

Health Science II: Health Science II

Program	**Healthcare**
Course Credit	**0.5 Elective Credit**

Healthcare Year I: Healthcare Year I

Program	**Healthcare**

Healthcare Year II: Healthcare Year II

Program	**Healthcare**

JROTC

JROTC Course Descriptions

10001: AFJROTC I Aerospace Science - Leadership

Program	**JROTC**
Course Credit	**1.0 Elective Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

The mission of Air Force Junior ROTC is *"Developing citizens of character."* This student-led course promotes leadership education through the study of basic aviation and aerospace concepts influenced by the United States Air Force.

Students participate in hands-on learning experiences, including STEM-based labs that apply aerospace and scientific principles. Instruction also includes citizenship education, leadership development, military customs and courtesies, drill and ceremonies, and military traditions. Emphasis is placed on physical fitness, mental wellness, teamwork, and personal responsibility.

Air Force Junior ROTC is designed to build confidence, discipline, and leadership skills while preparing students to be responsible citizens and effective leaders in their school and community.

This is not a military course and does not require enrollment into the U.S. Military. Parents and students must complete the Department of Defence Junior Reserve Officers' Training Corps Student Code of Conduct and Parent/Guardian Consent Form to remain in the course. Activities outside of regular school hours are encouraged but not required.

10002: AFJROTC II Aerospace Science - Leadership

Program	**JROTC**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

AFJROTC II: Aerospace Science – Leadership builds upon the foundations of Air Force Junior ROTC with an increased emphasis on leadership development, teamwork, and responsibility. This student-led course continues to support the mission of AFJROTC—*"Developing citizens of character."*

Students expand their understanding of aerospace science through the study of aviation principles, space exploration, and United States Air Force traditions. Leadership instruction focuses on communication, problem-solving, decision-making, and ethical responsibility. Cadets take on increased leadership roles within the corps while participating in hands-on STEM-based labs and collaborative activities.

The course also reinforces citizenship education, military customs and courtesies, drill and ceremonies, and military traditions. Instruction in physical fitness and mental wellness continues, promoting overall health, discipline, and personal growth.

Prerequisites for this course include the successful completion of AFJROTC I. This is not a military course and does not require enrollment into the U.S. Military. Parents and students must complete the Department of Defence Junior Reserve Officers' Training Corps Student Code of Conduct and Parent/Guardian Consent Form to remain in the course. Activities outside of regular school hours are encouraged but not required.

10003: AFJROTC III and IV Aerospace Science - Leadership

Program	**JROTC**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

AFJROTC III: Aerospace Science – Leadership and Management

Course Description:

AFJROTC III: Aerospace Science – Leadership and Management builds upon prior AFJROTC coursework with a strong emphasis on leadership application, management principles, and organizational effectiveness. This student-led course supports the AFJROTC mission of *"Developing citizens of character"* by preparing cadets for advanced leadership roles within the corps.

Students study aerospace science topics such as advanced aviation systems, space operations, and the role of airpower in national defense, while simultaneously developing leadership and management skills. Cadets are expected to take on significant leadership responsibilities, mentor younger cadets, and assist in planning and executing unit activities.

Instruction continues in citizenship, military customs and courtesies, drill and ceremonies, and military traditions. Physical fitness, mental wellness, teamwork, and ethical leadership remain integral components of the course.

AFJROTC IV: Aerospace Science – Senior Leadership

Course Description:

AFJROTC IV: Aerospace Science – Senior Leadership is the capstone course of the AFJROTC program and is designed for advanced cadets who demonstrate strong leadership, commitment, and character. This student-led course provides cadets with the opportunity to serve in senior leadership positions and apply leadership theory in real-world contexts.

Students focus on advanced leadership studies, strategic planning, ethical decision-making, and service-oriented leadership. Cadets are responsible for mentoring underclassmen, managing unit operations, and supporting instructional and organizational goals of the corps. Aerospace science content may include global security, space systems, and contemporary aerospace challenges.

The course reinforces citizenship, professionalism, military customs and courtesies, and drill, while continuing instruction in physical fitness and mental wellness. AFJROTC IV prepares students for leadership roles beyond high school, including college, military, and civilian careers.

Prerequisites for this course include the successful completion of AFJROTC II. This is not a military course and does not require enrollment into the U.S. Military. Parents and students must complete the Department of Defence Junior Reserve Officers' Training Corps Student Code of Conduct and Parent/Guardian Consent Form to remain in the course. Activities outside of regular school hours are encouraged but not required.

10004: AFJROTC III and IV Aerospace Science - Leadership Staff

Program	**JROTC**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

JROTC Leadership Staff is an advanced, student-led leadership course designed for cadets selected to serve in key leadership and staff positions within the JROTC corps. This course provides cadets with the opportunity to apply leadership theory, management skills, and ethical decision-making in real-world organizational settings.

Cadets in Leadership Staff are responsible for planning, coordinating, and executing unit operations, events, and activities. Responsibilities may include mentoring and training junior cadets, assisting with instruction, managing logistics and administrative tasks, and supporting command and staff functions. Emphasis is placed on professionalism, communication, teamwork, accountability, and service leadership.

The course reinforces the AFJROTC mission of *"Developing citizens of character"* and prepares students for leadership roles in college, military service, and civilian careers through experiential learning and increased responsibility.

This course is reserved for students serving as staff members of AFJROTC. This is not a military course and does not require enrollment into the U.S. Military. Parents and students must complete the Department of Defence Junior Reserve Officers' Training Corps Student Code of Conduct and Parent/Guardian Consent Form to remain in the course. Activities outside of regular school hours are encouraged but not required.

Leadership and Internship

Leadership and Internship Course Descriptions

11001: Student Leadership

Program	**Leadership and Internship**
Credit Type	**7th and 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Student Leadership is designed for students who want to develop and strengthen the leadership skills they already possess. The course explores key leadership concepts, including goal setting, team building, communication, decision-making, personal relations, and problem-solving.

Students will study various leadership styles and apply leadership principles through collaborative projects and real-world scenarios. Emphasis is placed on teamwork, ethical leadership, and effective communication. Students will work in teams to plan and implement projects that positively impact the school and community.

This course encourages personal growth, civic responsibility, and the development of skills essential for leadership roles in academic, professional, and community settings.

11002: Office Internship

Program	**Leadership and Internship**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

This course is designed for students pursuing careers in customer service or office administration. Students are assigned to a Neosho School District staff member and gain hands-on experience in a professional front office environment.

Students will observe daily operations and perform tasks commonly required of front office team members, such as greeting visitors, answering phones, managing documents, and assisting with clerical and organizational duties. Emphasis is placed on professionalism, communication skills, confidentiality, and workplace responsibility.

This course provides real-world experience that supports career exploration and the development of transferable workplace skills.

This course requires an application process to be placed in the course. Students who are accepted into the program must meet the requirements of grades, attendance, and discipline records.

11003: Educator Internship

Program	**Leadership and Internship**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Education Internship is designed for students pursuing careers in education, curriculum development, or educational leadership. Students accepted into this internship program are assigned to a cooperating teacher within the Neosho School District.

Participants will gain hands-on experience by observing classroom instruction, tutoring and mentoring students, assisting with lesson preparation, and performing other duties as assigned by the cooperating teacher. Emphasis is placed on professionalism, communication, confidentiality, and reflective practice.

This course provides authentic classroom experience and supports career exploration while preparing students for future studies and careers in education.

This course requires an application process to be placed in the course. Students who are accepted into the program must meet the requirements of grades, attendance, and discipline records. There are a limited number of seats available in the program. Preference will be given to A+ students since the hours in the course can be used to meet the mentoring requirements for the A+ program. Students taking assignments at other NSD campuses must have their own transportation.

11004: Technology Internship

Program	**Leadership and Internship**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Technology Internship is designed for students pursuing careers in information technology or related technology fields. Students are assigned to a Neosho School District technology staff member and gain hands-on experience in a professional technology support environment.

Participants will observe daily operations and perform tasks required of technology team members, such as assisting with hardware and software support, troubleshooting devices, supporting networks and classroom technology, and providing technical assistance to staff and students. Emphasis is placed on problem-solving, professionalism, communication, and responsible use of technology.

This course provides real-world experience that supports career exploration and the development of transferable technology skills.

This course requires an application process to be placed in the course. Students who are accepted into the program must meet the requirements of grades, attendance, and discipline records. There are a limited number of seats available in the program. Students taking assignments at other NSD campuses must have their own transportation.

11005: Library Internship

Program	**Leadership and Internship**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Library Assistant provides students with hands-on experience in library operations and information management. Students receive instruction in the use of library resources, research tools, and organizational systems while developing responsibility and workplace skills.

Assigned duties may include circulating materials, creating displays, processing new materials, assisting students in locating resources, and supporting internet and technology access. Students will also operate library equipment such as copy machines, printers, and laminators. Emphasis is placed on organization, communication, professionalism, and customer service.

This course is designed to build practical skills that support academic success and prepare students for workplace and service-oriented environments.

This course requires an application process to be placed in the course. Students who are accepted into the program must meet the requirements of grades, attendance, and discipline records.

Manufacturing/Industrial Technology

Manufacturing/Industrial Technology Course Descriptions

12001: Industrial Technology Exploration

Program	**Manufacturing/Industrial Technology**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Industrial Technology Exploration is a hands-on course that invites students to explore the principles of design while unleashing creativity and innovation. Students will engage in the design process, problem-solving, and hands-on skills for manufacturing and construction careers through a project-based approach. Students learn to safely operate various hand and power tools, measure, and read blueprints.

Throughout the course, students will gain experience with creative problem-solving and iterative design practices. Emphasis is placed on critical thinking, collaboration, and applying design principles to real-world challenges. By mastering each step of the design journey, students develop practical skills and a strong foundation for advanced study in design, engineering, or industrial fields.

12002: Engineering Exploration

Program	**Manufacturing/Industrial Technology**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Engineering Exploration is a hands-on course designed for junior high students to explore the fundamentals of engineering, design, and problem-solving. Students will learn how engineers think and work by engaging in real-world challenges that encourage creativity, critical thinking, and collaboration.

Through project-based learning, students will explore the engineering design process, including identifying problems, brainstorming solutions, creating prototypes, testing designs, and refining ideas. Activities may incorporate elements of STEM such as mathematics, science, technology, and computer-aided design. Emphasis is placed on teamwork, innovation, and applying engineering concepts to everyday situations.

This course provides a strong foundation for students interested in engineering, technology, or other STEM-related pathways in high school.

12003: Manufacturing Exploration

Program	**Manufacturing/Industrial Technology**
Credit Type	**7th and/or 8th Grade Elective Credit**
Grade	**7,8**

Length	**1 Semester**

Manufacturing Exploration is a hands-on exploratory course designed to introduce junior high students to the fundamentals of manufacturing and production. Students will learn about manufacturing processes, workplace safety, and the role manufacturing plays in everyday life and modern industry.

Through project-based learning, students will work with a variety of materials and tools while exploring basic fabrication techniques. Activities may include simple design challenges, prototyping, and an introduction to modern manufacturing technologies such as computer-aided design (CAD), computer-aided manufacturing (CAM), CNC machines, and 3D printing. Emphasis is placed on problem-solving, teamwork, and creativity.

This course provides foundational exposure to manufacturing concepts and helps students explore pathways in engineering, skilled trades, and advanced manufacturing at the high school level.

12004: Introduction to Construction

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Introduction to Construction is a hands-on course designed to introduce students to the fundamentals of the construction industry. Emphasis is placed on safety, proper tool use, and basic construction practices.

Students will explore a variety of construction skills, including measuring, layout, framing basics, and material identification. Through project-based learning, students will work with common construction materials such as wood, fasteners, and basic building components. Instruction may also include an introduction to construction drawings, basic estimating, and problem-solving skills used in the field.

This course provides a foundational understanding of construction trades and prepares students for advanced coursework in construction, skilled trades, and related career pathways in high school.

12005: Introduction to Manufacturing

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Introduction to Manufacturing is a hands-on course that emphasizes safety and best practices when working with traditional woodworking power tools. Students develop foundational manufacturing skills through guided instruction and practical application.

Throughout the course, students will work with a variety of materials, including wood, plastics, metals, and glass, to design and build multiple projects. Instruction includes the use of design and drafting skills through computer-aided design (CAD) and computer-aided manufacturing (CAM). Students will apply these skills using modern manufacturing technologies such as CNC machines and 3D printers.

Emphasis is placed on safety, problem-solving, precision, and the manufacturing process from design to production. This course provides a strong foundation for students interested in engineering, skilled trades, or advanced manufacturing pathways in high school.

12006: Introduction to Engineering

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Introduction to Engineering is a hands-on, second-level course designed for students who have completed an exploratory engineering or manufacturing course. This course deepens students' understanding of engineering concepts, design thinking, and problem-solving.

Students will engage in the engineering design process to identify problems, develop solutions, create prototypes, test designs, and refine their work. Instruction incorporates elements of science, mathematics, technology, and computer-aided design (CAD) while emphasizing collaboration, innovation, and critical thinking. Projects may include engineering challenges related to structures, mechanisms, or systems.

This course provides a strong foundation for advanced engineering, manufacturing, and STEM pathways at the high school level.

12007: Manufacturing Technology II

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Students will design and produce parts composed of plastics, wood, and metal to construct prototypes and customized mock-ups as Manufacturing Technology II is an advanced, hands-on course designed to build upon skills developed in introductory manufacturing and engineering courses. Students will design and produce parts using plastics, wood, and metal to construct prototypes and customized mock-ups as part of the manufacturing and engineering design process.

Students will engage in iterative production by testing products, evaluating performance, and applying feedback to improve subsequent versions. Emphasis is placed on precision, problem-solving, quality control, and the use of manufacturing techniques and tools.

During the second semester, students will design and manufacture projects of their own choosing, allowing for deeper exploration of materials, processes, and production methods. Students are responsible for providing materials needed to complete course projects, with costs varying based on individual project selections.

This course prepares students for advanced manufacturing, engineering, and skilled trades pathways at the high school level.

Prerequisites for this course include the successful completion of Introduction to Engineering or Introduction to Manufacturing.

12008: Construction Technology II

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Construction Technology II builds upon the foundational skills introduced in Introduction to Construction. This hands-on course provides students with expanded experience in construction materials, tools, and processes, with an emphasis on wood products and structural components.

Students will learn the safe and proper use of hand tools and power equipment while constructing required projects. Instruction focuses on measurement, layout, craftsmanship, and problem-solving skills commonly used in construction trades. Students will apply construction techniques while reinforcing workplace safety and responsible tool use.

Students and parents are responsible for providing materials needed to complete assigned projects. The minimum cost for the entire school year is $60.00, with additional costs depending on project selections.

Prerequisites for this course include the successful completion of Introduction to Construction.

12009: Engineering II

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Practical Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**No**

Engineering is a hands-on, project-based course that introduces students to the principles of engineering, design thinking, and problem-solving. Students learn how engineers identify problems, develop solutions, and apply science, mathematics, and technology to create and improve products and systems.

Through real-world design challenges, students will engage in the engineering design process, including brainstorming, modeling, prototyping, testing, and refining solutions. Instruction may include the use of computer-aided design (CAD), basic manufacturing techniques, and collaborative teamwork. Emphasis is placed on critical thinking, creativity, innovation, and communication.

This course provides a strong foundation for advanced engineering, manufacturing, and STEM pathways and prepares students for further study or careers in engineering and technology-related fields.

Prerequisites for this course include the successful completion of Introduction to Engineering.

12010: Manufacturing Entrepreneurship

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Manufacturing Entrepreneurship provides students with advanced experience in the materials, tools, and processes used in wood products manufacturing. Building upon foundational woodworking skills, students will learn and apply advanced joinery techniques while emphasizing precision, craftsmanship, and safety.

Students will also participate in tool maintenance and shop organization, gaining an understanding of industry-standard practices. In collaboration with the instructor, students may design and build projects intended for sale to the general public, offering real-world experience in production, quality control, and professionalism.

Students are responsible for providing materials needed to complete course projects. The cost of materials will vary depending on individual project choices.

Prerequisites for this course include the successful completion of Engineering Technology II or Manufacturing Technology II.

12011: Dual Credit Crowder College AMT-102

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Introduction to Industrial Electricity I is designed to provide beginning students with a broad introduction to industrial electrical systems through both foundational instruction and hands-on practice. This course emphasizes safety, proper tool use, and fundamental electrical concepts.

Topics covered include basic electrical circuits, electrical measurements, electrical relay control logic, and residential and industrial wiring. Students will apply theoretical knowledge through practical lab activities that reinforce troubleshooting, installation, and wiring techniques.

This course provides a strong foundation for students pursuing careers in industrial maintenance, electrical trades, manufacturing, or advanced technical training.

Prerequisites for this course include successful completion of Manufacturing Technology II or Engineering II.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12012: Dual Credit Crowder College AMT-111

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

OSHA 10 Safety Training is designed to provide students with the foundational safety knowledge required to earn an OSHA 10-hour General Industry or Construction Safety card, issued by the U.S. Occupational Safety and Health Administration (OSHA).

Students will complete required coursework through an approved online training platform, covering essential workplace safety topics such as hazard recognition, accident prevention, personal protective equipment (PPE), and workers' rights and responsibilities. Emphasis is placed on developing a safety-first mindset applicable across a wide range of career fields.

Upon successful completion of the course requirements, students will earn the OSHA 10 certification, a valuable credential recognized by employers in construction, manufacturing, and other industry sectors.

This course must be taken the Sophomore year of the HVAC Technician or Construction Electrical Pathways.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12013: Dual Credit Crowder College CONS-105

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Length	**1 Semester**
NCAA	**No**

NCCER Core Curriculum is an introductory course built around the National Center for Construction Education and Research (NCCER) Core curriculum and serves as a prerequisite for NCCER registration. This course provides beginning students with a broad foundation of knowledge and hands-on experience in construction technology.

Topics include workplace safety, basic construction math, hand and power tools, blueprint reading, rigging, basic communication skills, and essential employability skills. Emphasis is placed on industry standards, safety practices, and skill development needed for success in construction and skilled trades pathways.

Successful completion of this course prepares students for advanced NCCER training and entry into construction-related career pathways.

Corequisites for this course include enrollment in Construction Technology II.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12014: Dual Credit Crowder College CONS-110

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Construction Safety provides students with an introduction to safety practices and standards used on commercial and residential construction job sites. The course focuses on identifying workplace hazards and understanding safety regulations in accordance with Occupational Safety and Health Administration (OSHA) guidelines.

Students will learn basic safety standards, hazard recognition, accident prevention, and emergency preparedness and response procedures commonly required on construction job sites. Emphasis is placed on developing a safety-first mindset and understanding individual responsibility in maintaining a safe work environment.

As part of this course, students are required to complete OSHA 10 certification, providing them with an industry-recognized safety credential applicable to construction and related trades.

Prerequisites for the course include the successful completion of CONS-105.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12015: Dual Credit Crowder College CONS-116

Program	**Manufacturing/Industrial Technology**

Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
NCAA	**No**

Carpentry II: Framing and Finishing is based on the National Center for Construction Education and Research (NCCER) Level 2 Carpentry Fundamentals curriculum. This course is designed to provide students with in-depth knowledge and hands-on experience in advanced construction techniques.

Topics include roofing applications; thermal and moisture protection; exterior finishing and siding; cold-formed steel framing; drywall installation and finishing; doors and door hardware; suspended ceiling systems; trim installation for windows, doors, floors, and ceilings; and cabinet fabrication and installation. Emphasis is placed on industry standards, safety practices, precision, and craftsmanship.

This course prepares students for advanced construction pathways and continued NCCER credentialing in carpentry and related trades.

Prerequisites for this course include the successful completion of CONS-110.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12016: Dual Credit Crowder College CONS-112

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Carpentry Fundamentals is based on the National Center for Construction Education and Research (NCCER) Level 1 Carpentry Fundamentals curriculum. This course is designed to provide students with a broad foundation of knowledge and hands-on experience in basic construction skills and practices.

Topics include trade orientation; building materials; fasteners and adhesives; hand and power tools; reading construction plans and elevations; introduction to concrete and reinforcing materials; floor systems; windows; and exterior doors. Emphasis is placed on safety, proper tool use, measurement, and industry-standard construction techniques.

Successful completion of this course prepares students for advanced carpentry coursework and continued NCCER credentialing in construction and skilled trades pathways.

Prerequisites for this course include the successful completion of CONS-116.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12017: Dual Credit Crowder College CONS-131

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Plumbing Fundamentals is based on the National Center for Construction Education and Research (NCCER) Level 1 Plumbing curriculum. This course provides students with foundational knowledge and hands-on experience in plumbing systems and practices.

Topics include an introduction to the plumbing profession; safety practices; plumbing tools, math, and drawings; and working with plastic pipe and fittings. Students will also gain experience with copper, cast iron, carbon steel, and stainless steel piping and fittings, as well as fixtures and faucets. Instruction covers DWV (Drain, Waste, and Ventilation) systems and water distribution systems. Emphasis is placed on safety, proper installation techniques, and industry standards.

This course prepares students for advanced plumbing coursework and continued NCCER credentialing in the plumbing and construction trades.

This course is the final course of the Construction Pathway. This course will serve as the area of speciality the student wishes to study.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12018: Dual Credit Crowder College CONS-141

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Electrical Fundamentals is based on the National Center for Construction Education and Research (NCCER) Level 1 Electrical curriculum. This course provides students with foundational knowledge and hands-on experience in electrical systems and practices.

Topics include an introduction to the electrical trade; safety procedures; basic electrical circuits and theory; an introduction to the National Electrical Code (NEC); device boxes and conduit bending and installation; raceways and fittings; conductors and cables; electrical drawings; residential and commercial electrical services; test equipment; and materials and labor estimating. Emphasis is placed on safety, accuracy, and industry-standard practices.

This course prepares students for advanced electrical coursework and continued NCCER credentialing in electrical and construction trades pathways.

This course is the final course of the Construction Pathway. This course will serve as the area of speciality the student wishes to study. Students taking this course for the HVAC Pathway must meet the prerequisite of successful completion of AMT-111.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12019: Dual Credit Crowder College CONS-151

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

National Electrical Code (NEC) Fundamentals introduces students to the National Electrical Code and its role as the standardized source for minimum requirements for safe electrical installations. Students will learn how the NEC is organized and how to navigate and apply its provisions.

Instruction focuses on understanding NEC layout, terminology, and key Articles, including definitions and basic electrical requirements. Emphasis is placed on interpreting code standards and applying them to residential and commercial electrical scenarios. This course provides essential knowledge for students pursuing careers in electrical and construction trades.

This course is the final course of the Construction Pathway. This course will serve as the area of speciality the student wishes to study.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12020: Dual Credit Crowder College CONS-251

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

National Electrical Code (NEC) Applications builds upon the introductory study of the National Electrical Code by focusing on wiring methods and materials used in electrical installations. Students will deepen their understanding of how the NEC governs safe and compliant wiring practices.

Instruction emphasizes navigating and applying NEC wiring method requirements, including the use of cables, conduit, and wireways. Students will explore relevant NEC Articles and learn how to interpret code standards for residential and commercial electrical scenarios. This course prepares students for advanced electrical coursework and practical application of NEC regulations in the electrical trade.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12027: Welding I

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Introduction to Welding Technology is a hands-on course designed to introduce students to the fundamentals of welding and metal fabrication. Students will learn essential safety practices, proper tool use, and basic welding principles used in industrial and manufacturing settings.

Instruction includes an overview of welding equipment, materials, and processes, with an emphasis on common welding techniques such as shielded metal arc welding (SMAW) and basic metal preparation. Students will develop skills in measuring, cutting, fitting, and joining metal components while following industry-standard safety procedures.

This course provides a strong foundation for students interested in careers in welding, manufacturing, construction, or skilled trades and prepares them for advanced welding coursework.

Prerequisites for this course include the successful completion of Introduction to Manufacturing Technology.

12028: Dual Credit Crowder College WELD-117

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Blueprint Reading and Interpretation introduces students to the fundamentals of blueprint and engineering drawing interpretation. Students will learn the principles of reading technical drawings and understanding the symbols and conventions used to communicate design intent.

Instruction provides students with the working knowledge necessary to interpret prints in sufficient detail for use in construction, manufacturing, and industrial settings. The course combines traditional lecture and classroom exercises with hands-on shop activities to reinforce concepts through practical application.

This course prepares students for further training and careers in construction, manufacturing, engineering, and skilled trades.

Prerequisites for this course include the successful completion of Welding I.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12029: Dual Credit Crowder College WELD-160

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Welding Technology I emphasizes occupational safety training and includes completion of OSHA 10 certification. The course focuses on workplace safety, proper use of Personal Protective Equipment (PPE), and safe handling of welding and cutting equipment.

Students receive hands-on instruction in fundamental welding and cutting processes, including Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and thermal cutting techniques. Instruction also includes identification and proper use of welding-related hand tools, welding on various metal thicknesses, and applying multiple welding techniques.

Additional topics include managing welding supplies and consumables, maintaining equipment, and following industry-standard procedures. This course provides a strong foundation for students pursuing careers in welding, manufacturing, construction, or other skilled trades and prepares them for advanced welding coursework.

Prerequisites for this course include the successful completion of WELD-117.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12030: Dual Credit Crowder College WELD-165

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

NCAA	**No**

Welding Technology II focuses on advanced instruction in Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-Cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), and thermal cutting processes. This course emphasizes refining welding skills through extensive hands-on practice.

Students will perfect welding techniques on plate steel in all positions using a variety of industry-recognized welding processes. Instruction includes fillet and groove weld joint design, interpretation of welding symbols and drawings, and an in-depth study of welding codes, specifications, and testing procedures. Special emphasis is placed on American Welding Society (AWS) welder qualification standards.

Students will practice welding in accordance with AWS certification guidelines and, upon completion of the course, may have the opportunity to earn one of five specific AWS welding certifications, depending on skill level and performance.

Prerequisites for this course include the successful completion of WELD-160 or WELD-270.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12031: Dual Credit Crowder College WELD-270

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Pipe Welding Technology provides students with advanced technical instruction in pipe welding, including an understanding of electrical theory related to welding and cutting processes. This course is designed to develop the skills required for industry-standard pipe welding applications.

Students will weld various pipe thicknesses in the 1G, 2G, 5G, and 6G positions, increasing proficiency in positioning, joint preparation, and precision welding. Instruction emphasizes proper tacking techniques, weld quality, and procedures aligned with industry expectations.

Students will continue to apply and refine welding processes including Shielded Metal Arc Welding (SMAW), Gas Tungsten Arc Welding (GTAW), and Flux-Cored Arc Welding (FCAW). This course prepares students for advanced welding certifications and careers in industrial, pipeline, and manufacturing welding fields.

Prerequisites for this course include the successful completion of WELD-160.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12032: Dual Credit Crowder College WELD-275

Program	**Manufacturing/Industrial Technology**

Course Credit	**0.5 Elective Credit**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Advanced Pipe Welding provides students with the opportunity to develop advanced skills in pipe welding using Shielded Metal Arc Welding (SMAW), Gas Tungsten Arc Welding (GTAW), and Flux-Cored Arc Welding (FCAW) processes. This course is designed to prepare students to perform certified welds in accordance with American Welding Society (AWS) D1.1 and American Society of Mechanical Engineers (ASME) Section IX standards.

Students will further refine welding techniques required for high-quality pipe weldments while gaining a deeper technical understanding of industry certification requirements. Instruction includes the study and application of Welding Procedure Specifications (WPS) and Procedure Qualification Records (PQR), as well as proper procedures for completing pipe weldments to code.

Both nondestructive and destructive testing methods, as outlined by AWS D1.1 and ASME Section IX, will be reviewed and implemented. This course prepares students for advanced certification opportunities and careers in industrial, pipeline, and structural welding fields.

Prerequisites for this course include the successful completion of WELD-165.

12033: Dual Credit Crowder College DRFT-101

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Drafting 101 is an introductory course designed to provide students with a foundational understanding of technical drafting and design principles. Students will learn how to communicate ideas and specifications through technical drawings used in engineering, construction, and manufacturing.

Instruction includes basic drafting concepts such as line types, lettering, dimensioning, scale, and geometric construction. Students will create and interpret drawings while developing spatial visualization and precision skills. The course may include both manual drafting techniques and an introduction to computer-aided drafting (CAD).

This course provides a strong foundation for advanced study in drafting, engineering, architecture, construction technology, and manufacturing pathways.

Corequisites for this course include enrollment in WELD-117 and Welding Technology I.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12034: Dual Credit Crowder College WELD-136

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Metallurgy for Welding introduces students to the fundamental principles of metallurgy and how metal behavior relates to welding and fabrication processes. The course emphasizes understanding material properties to support quality welds and proper material selection.

Topics include identification, classification, and properties of ferrous and nonferrous metals; alloys; heat treatment processes; destructive and nondestructive testing methods; cast iron; and plastics. Students will explore how metallurgical characteristics affect weldability, strength, and performance.

This course provides essential knowledge for students pursuing careers in welding, fabrication, manufacturing, and related skilled trades.

Prerequisites for this course include the successful completion of DRFT-101.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12035: Dual Credit Crowder College WELD-285

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Advanced Welding and Fabrication Technology provides students with the opportunity to develop advanced skills in a variety of welding and cutting applications used in modern manufacturing and fabrication environments. Instruction includes thermal cutting; Gas Metal Arc Welding–Pulse (GMAW-P); Flux-Cored Arc Welding (FCAW); Gas Tungsten Arc Welding (GTAW); and Shielded Metal Arc Welding (SMAW).

Students will also gain a technical understanding of advanced cutting operations, including Computer Numerical Control (CNC) programming and the operation of CNC fabrication equipment. Emphasis is placed on precision, efficiency, and adherence to industry standards.

Additional instruction focuses on interpreting technical drawings, calculating material requirements, and following proper procedures for the completion of manufactured projects in the lab. This course prepares students for advanced manufacturing, fabrication, and welding careers and supports continued credentialing and workforce readiness.

Prerequisites for this course include the successful completion of WELD-165. Corequisites for the course include enrollment in WELD-280.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12036: Dual Credit Crowder College WELD-280

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Welding Fabrication provides students with instruction in fabrication techniques as they relate to manufacturing, maintenance, and repair applications. This course emphasizes the development of practical skills used in industrial fabrication environments.

Students will learn and apply a variety of fabrication processes, which may include thermal cutting; Gas Metal Arc Welding–Pulse (GMAW-P); Flux-Cored Arc Welding (FCAW); Gas Tungsten Arc Welding (GTAW); and Shielded Metal Arc Welding (SMAW). Instruction also includes the safe and efficient use of basic shop tools and equipment.

Students will interpret and apply engineering drawings and prints commonly used in the welding and fabrication trades, as well as calculate material requirements based on technical drawings. Emphasis is placed on accuracy, safety, quality control, and industry-standard practices.

Prerequisites for this course include the successful completion of WELD-165. Corequisites for this course include enrollment in WELD-285.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12037: Dual Credit Crowder College HVAC-105

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

HVAC/R Fundamentals introduces students to the history of heating, ventilation, air conditioning, and refrigeration (HVAC/R) and the foundational principles of the trade. Instruction covers heat transfer and thermodynamics, pressure and temperature theory, and the basic refrigeration cycle and its components.

Students will gain a working knowledge of floor and hand tools commonly used in HVAC/R, along with an understanding of relevant safety practices and industry standards. Emphasis is placed on foundational concepts that prepare students for advanced HVAC/R coursework and careers in the heating, cooling, and refrigeration industry.

Prerequisites for this course include the successful completion of CONS-141.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12038: Dual Credit Crowder College HVAC-120

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Refrigeration Systems and Controls focuses on the fundamental principles of refrigeration and the basic refrigeration cycle used in air conditioning systems, heat pumps, and refrigeration equipment. Students will develop an understanding of how cooling systems operate and are controlled.

Instruction includes the study of refrigeration control systems, psychrometrics, and airflow principles. Students will also explore air purification systems, ventilation methods, and dehumidification processes. Emphasis is placed on developing foundational skills required for the installation, maintenance, and servicing of HVAC/R equipment.

This course prepares students for advanced HVAC/R training and careers in heating, ventilation, air conditioning, and refrigeration.

Prerequisites for this course include successful completion of HVAC-105.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12039: Dual Credit Crowder College HVAC-115

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

NCAA	**Yes**

Heating Systems and Controls examines the operation and control of residential and commercial heating systems. The course includes an overview of basic furnace design and the principles of combustion, with a strong emphasis on the safe operation of heating equipment and the proper handling of combustible materials.

Students will learn the basic elements of heating systems, heat transfer laws, psychrometrics, heating load estimating, system design, and heat distribution methods. Emphasis is placed on safety, efficiency, and understanding system performance.

This course prepares students for advanced HVAC/R coursework and careers in heating, ventilation, air conditioning, and refrigeration.

Prerequisites for this course include the successful completion of HVAC-120. Corequisites for this course include enrollment in HAVC-130.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12040: Dual Credit Crowder College HVAC-130

Program	**Manufacturing/Industrial Technology**
Course Credit	**0.5 Elective Credit**
Grade	**12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

HVAC Controls and Troubleshooting is an advanced course that focuses on control circuits used in commercial and residential heating, ventilation, air conditioning, and refrigeration (HVAC/R) systems. Students will develop in-depth knowledge of system controls and diagnostic techniques required for modern HVAC/R equipment.

Instruction includes the analysis and interpretation of advanced HVAC/R schematics, temperature and timing controls, modulating motors, heat pump controls, and other electrical and electronic components used in HVAC/R systems. Emphasis is placed on systematic diagnostic procedures and advanced troubleshooting techniques to identify and correct system malfunctions.

This course prepares students for advanced HVAC/R training and careers in system installation, maintenance, and service.

Prerequisites for this course include the successful completion of HVAC-120. Corequisites for the course include enrollment of HVAC-115.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

12041: HVAC Technician Work Based Learning

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Elective Credit**

Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Work-Based Learning – HVAC provides students with supervised, real-world experience in the heating, ventilation, air conditioning, and refrigeration (HVAC/R) field. This course allows students to apply technical knowledge and skills gained in previous HVAC coursework in a professional work environment.

Students may complete the internship with an approved industry partner or by working with the Neosho School District Operations Team, either during the summer or throughout the academic semester. Internship experiences may include assisting with system installation, maintenance, troubleshooting, and repair of HVAC/R equipment in residential, commercial, or institutional settings.

The internship is supervised by the instructor and workplace mentor, with an emphasis on safety, professionalism, communication, and industry-standard practices. This course supports career readiness and provides valuable hands-on experience for students pursuing careers in HVAC/R and related trades.

Construction - Electrical Year II: Construction - Electrical Year II

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0**

Construction - Electrical Year III: Construction - Electrical Year III

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0**

Introduction to Building Maintenance: Introduction to Building Maintenance

Program	**Manufacturing/Industrial Technology**
Course Credit	**1.0 Elective Credit**

Mathematics

Mathematics Course Descriptions

13001: 5th Grade Accelerated Math

Program	**Mathematics**
Length	**2 Semesters**

5th Grade Accelerated Math is designed for students who demonstrate strong mathematical ability and readiness for advanced instruction. This course integrates and extends both 5th and 6th grade mathematics standards, providing an accelerated and enriched learning experience.

Students will develop a deep understanding of mathematical concepts through problem-solving, critical thinking, and real-world applications. Topics may include advanced operations with whole numbers and fractions, ratios and rates, expressions and equations, geometry, data analysis, and mathematical reasoning. Emphasis is placed on conceptual understanding, mathematical communication, and perseverance in solving complex problems.

This course prepares students for advanced middle school mathematics by building a strong foundation and supporting a smooth transition into higher-level math coursework.

Placement decisions are made by reviewing test scores, classroom performance, and recommendations from teachers and administrators.

13002: 6th Grade Accelerated Math

Program	**Mathematics**
NCAA	**No**

6th Grade Accelerated Math is designed for students who demonstrate strong mathematical understanding and readiness for advanced instruction. This course extends beyond the standard 6th grade curriculum by incorporating select 7th grade mathematics standards, allowing students to progress at an accelerated pace.

Students will engage in rigorous problem-solving and real-world applications while strengthening skills in ratios and proportional reasoning, expressions and equations, integers, geometry, statistics, and mathematical reasoning. Emphasis is placed on conceptual understanding, precision, and the ability to explain and justify mathematical thinking.

This course prepares students for advanced middle school mathematics, supporting a smooth transition into higher-level math pathways in subsequent grades.

Placement decisions are made by reviewing test scores, classroom performance, and recommendations from teachers and administrators.

13003: 7th Grade Math

Program	**Mathematics**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

Students will deepen their understanding of rational number operations through the study of expressions and linear equations. Instruction focuses on applying proportional relationships, interpreting scale drawings, and analyzing two- and three-dimensional figures to determine area, surface area, and volume. Students will also develop data analysis skills by drawing inferences about populations from sample data.

13005: 7th Grade Advanced Math

Program	**Mathematics**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

This advanced course emphasizes close observation and analysis, evidence-based writing, higher-order questioning, and academic discourse while strengthening students' mathematical understanding. Students will develop proficiency with operations involving rational numbers and exponents as they work with expressions and complex linear equations. Instruction focuses on applying proportional relationships in functions and slope calculations, solving scale drawing problems, and analyzing two- and three-dimensional figures to determine area, surface area, and volume, including applications of the Pythagorean Theorem. Students will also analyze data representations to draw inferences about populations based on sample data.

13006: Pre-Algebra (Accelerated Course)

Program	**Mathematics**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

This accelerated course covers 7th and 8th grade mathematics standards while introducing students to foundational algebraic concepts. Students will focus on linear equations, functions, bivariate data, transformations, the real number system, properties of exponents, systems of equations, and the Pythagorean Theorem. Instruction moves at an accelerated pace and integrates 7th grade, 8th grade, and pre-algebra standards, preparing students for success in high school–level algebra coursework.

Placement decisions are made by reviewing test scores, classroom performance, and recommendations from teachers and administrators.

13007: 8th Grade Math

Program	**Mathematics**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

8th Grade Math focuses on developing students' understanding of key mathematical concepts and skills needed for high school success. Students will explore linear relationships, equations, and functions while strengthening problem-solving and analytical thinking.

Instruction includes work with the real number system, properties of exponents, transformations, the Pythagorean Theorem, and the analysis of bivariate data. Students will apply mathematical reasoning to real-world situations and use multiple representations—tables, graphs, equations, and verbal explanations—to model and solve problems.

This course prepares students for Algebra I and other advanced high school mathematics courses by building a strong foundation in mathematical reasoning, accuracy, and conceptual understanding.

13008: 8th Grade Advanced Math

Program	**Mathematics**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

Advanced 8th Grade Math is designed for students who demonstrate strong mathematical readiness and benefit from an accelerated pace of instruction. This course covers all 8th grade mathematics standards while extending learning through advanced problem-solving and algebraic reasoning.

Students will focus on linear equations and functions, systems of equations, transformations, the real number system, properties of exponents, the Pythagorean Theorem, and the analysis of bivariate data. Instruction emphasizes conceptual understanding, mathematical communication, and the application of skills to real-world and abstract problems.

This course prepares students for high school Algebra I or other advanced mathematics pathways by building a strong foundation in algebraic thinking and mathematical reasoning.

13009: Algebra I (High School Level Course)

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**8,9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

This course focuses on solving, graphing, and writing linear equations and inequalities; performing operations with polynomials, including factoring; distinguishing among linear, exponential, and quadratic functions; and applying these concepts to a variety of problem-solving situations. The course is designed to prepare students for college-level mathematics coursework.

Students will take the mandatory Algebra I End of Course (EOC) Exam at the completion of this course. Students must score a level of Proficient or Advanced to receive high school credit. Students who do not score Proficient or Advanced on the EOC as an 8th grader will receive a high school elective credit and will be required to take Algebra I as a freshman.

13010: Pre-AP Algebra I

Program	**Mathematics**
Course Credit	**1.0 Math Credit**

Grade	**9**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Students will develop a deep understanding of linear relationships with an emphasis on patterns of change, multiple representations of functions and equations, and modeling real-world scenarios using algebraic tools. Instruction focuses on analyzing and representing solutions to equations and inequalities through symbolic, graphical, and numerical methods. Through problem-solving, reasoning, and mathematical communication, students build powerful conceptual tools that support deeper understanding and prepare them for advanced mathematics coursework.

Students will take the mandatory Algebra I End of Course (EOC) Exam at the completion of this course.

13011: Geometry

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**9,10,11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Geometry focuses on the analysis of geometric concepts involving two-dimensional and three-dimensional figures. Students will study properties of shapes and explore methods for calculating area and volume while developing spatial reasoning skills.

The course integrates concepts of space geometry with plane geometry throughout instruction. Additional topics include an introduction to trigonometry, coordinate geometry, geometric transformations, and probability. Emphasis is placed on logical reasoning, mathematical communication, and applying geometric principles to real-world situations.

This course builds a strong foundation for advanced mathematics and supports readiness for higher-level math coursework.

Students will take the mandatory Geometry End of Course (EOC) Exam at the completion of this course.

13012: Pre-AP Geometry with Statistics

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**9,10,11**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Pre-AP Geometry with Statistics provides students with a strong conceptual bridge between algebra and geometry while deepening their overall understanding of mathematics. The course emphasizes the analysis of geometric concepts involving two-dimensional and three-dimensional figures, including area, volume, and spatial reasoning, with continual integration of plane and space geometry.

A focused unit on statistics and probability supports the development of quantitative literacy and data-driven reasoning. Students solve complex problems across the domains of algebra, geometry, and statistics, using multiple representations and mathematical justification. Rather than attempting to cover all topics traditionally included in a standard geometry or introductory statistics course, this course prioritizes the foundational geometric and statistical concepts most essential for college and career readiness.

Throughout the course, students engage in higher-order reasoning, modeling, and problem-solving to prepare for advanced coursework in mathematics, science, programming, statistics, and engineering. The course also supports the development of mathematically informed citizens capable of understanding and responding to mathematics-related issues at personal, local, and global levels.

Students will take the mandatory Geometry End of Course (EOC) Exam at the completion of this course.

13013: Algebra II

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**9,10,11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Algebra II expands students' understanding of mathematical models and functions while strengthening analytical and problem-solving skills. Students will study linear functions, equations and inequalities, systems of linear equations and inequalities, and patterns. The course also includes in-depth exploration of quadratic functions and relations, powers and roots, polynomials and polynomial functions, and exponential and logarithmic functions.

Emphasis is placed on multiple representations of mathematical ideas, modeling real-world situations, and applying algebraic concepts to complex problem-solving scenarios. This course prepares students for advanced mathematics coursework and postsecondary study.

Students will take the mandatory Algebra II End of Course (EOC) Exam at the completion of this course if Algebra I was completed prior to 9th grade. Prerequisites for this course include successful completion of Geometry.

13014: Pre-AP Algebra II

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**9,10,11**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**

NCAA	**Yes**

Pre-AP Algebra II is an advanced course designed to solidify and extend students' understanding of functions and data analysis developed in prior mathematics courses. Students build upon their knowledge of linear, quadratic, and exponential functions as they explore logarithmic, polynomial, rational, square root, cube root, and trigonometric functions.

Quantitative literacy is developed through the integration of data sets, contextual scenarios, and mathematical modeling throughout the course. Instruction emphasizes multiple representations of functions, mathematical reasoning, and justification of solutions. Students regularly engage in higher-order problem-solving that connects algebraic concepts to real-world applications.

This course prepares students for advanced mathematics coursework and supports readiness for college and careers in fields such as mathematics, science, engineering, programming, and data analysis.

Students will take the mandatory Algebra II End of Course (EOC) Exam at the completion of this course if Algebra I was completed prior to 9th grade.

13015: Dual Credit Crowder College Algebra for Calculus

Program	**Mathematics**
Course Credit	**0.5 Math Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

This course focuses on the foundations and analysis of functions and the development of advanced algebraic reasoning skills. Students will explore functional relationships, analyze mathematical structures, and apply algebraic concepts to increasingly complex problems.

Designed for students intending to pursue degrees in Science, Technology, Engineering, or Mathematics (STEM) fields, as well as other disciplines requiring strong quantitative reasoning, this course emphasizes critical thinking, problem-solving, and mathematical communication. Instruction prepares students for success in higher-level mathematics coursework and supports readiness for rigorous college-level study.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Students must have a 3.0 and have completed Algebra II with a B to enroll in the course.

This course only satisfies half of the required half credit requirements for a student's junior year. The student can pair this course with another dual credit math course to fulfill high school graduation requirements.

13016: Dual Credit Crowder College Trigonometry

Program	**Mathematics**
Course Credit	**0.5 Math Credit**

Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Trigonometry involves the study of the six trigonometric functions and their applications. Students will explore relationships between angles and sides of triangles, analyze trigonometric graphs, and apply trigonometric concepts to solve real-world and mathematical problems.

This course supports preparation for advanced mathematics, science, and engineering coursework by strengthening analytical reasoning and problem-solving skills.

Prerequisites for this course include successful completion of Dual Credit Crowder College Algebra for Calculus.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Students must have completed Dual Credit Crowder College Algebra for Calculus to enroll.

This course only satisfies half of the required half credit requirements for a student's junior year. The student can pair this course with another dual credit math course to fulfill high school graduation requirements.

13017: Precalculus

Program	**Mathematics**
Course Credit	**0.5 Math Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Pre-Calculus is an advanced mathematics course designed to prepare students for calculus and other higher-level mathematics coursework. The course builds upon algebraic and trigonometric concepts while deepening students' understanding of functions and mathematical modeling.

Students will study polynomial, rational, exponential, logarithmic, and trigonometric functions, as well as inverse functions and analytic trigonometry. Additional topics may include sequences and series, parametric equations, and introductory limits. Emphasis is placed on multiple representations of functions, problem-solving, and applying mathematics to real-world contexts.

This course is intended for students pursuing advanced mathematics, science, engineering, or other STEM-related fields and provides a strong foundation for success in college-level mathematics.

Prerequisites for this course include successful completion of Algebra II.

13018: Trigonometry

Program	**Mathematics**

Course Credit	**0.5 Math Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

Trigonometry is a mathematics course focused on the study of relationships between angles and sides of triangles and the application of trigonometric concepts. Students will explore the six trigonometric functions and their inverses, analyze trigonometric identities, and solve equations involving trigonometric expressions.

Instruction includes applications of trigonometry to real-world problems, modeling periodic phenomena, and analyzing trigonometric graphs. Emphasis is placed on problem-solving, mathematical reasoning, and preparing students for advanced mathematics coursework such as pre-calculus, calculus, and STEM-related fields.

13019: Dual Credit Crowder College Elementary Statistics

Program	**Mathematics**
Course Credit	**0.5 Math Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Statistics is an introductory course designed for students whose college and career pathways require an understanding of data collection, analysis, and interpretation. The course emphasizes the development of statistical thinking and the application of statistics to real-world situations.

Students will study the presentation and interpretation of univariate data using graphical and numerical methods, probability concepts, discrete and continuous probability distributions, and linear regression. Additional topics include study design, statistical inference, confidence intervals, and hypothesis testing. This course prepares students to analyze data critically and make informed decisions based on quantitative evidence.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

13020: Dual Credit Crowder College Calculus I, Part I

Program	**Mathematics**
Course Credit	**0.5 Math Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Length	**1 Semester**
NCAA	**Yes**

Calculus I is the first course in a sequence of calculus and analytical geometry courses. The course introduces students to the concept of the derivative and its applications.

Students will explore limits, continuity, and differentiation techniques, and apply derivatives to analyze rates of change, motion, optimization, and graph behavior. Emphasis is placed on problem-solving, mathematical reasoning, and preparing students for advanced coursework in mathematics, science, engineering, and related fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Students must have completed Dual Credit Crowder College Algebra for Calculus to enroll.

This course only satisfies half of the required half credit requirements for a student's junior or senior year. The student can pair this course with another dual credit math course to fulfill high school graduation requirements.

13021: Dual Credit Crowder College Calculus I, Part II

Program	**Mathematics**
Course Credit	**0.5 Math Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Calculus I, Part II continues the study of calculus with an emphasis on advanced applications of the derivative and the introduction of integral calculus. Students will explore additional differentiation techniques, including applications of L'Hôpital's Rule, and develop a conceptual understanding of the integral.

Topics include techniques of integration, applications of integrals such as area and accumulation, and further analytical problem-solving. This course prepares students for continued study in calculus, analytical geometry, and advanced mathematics, as well as coursework in science, engineering, and related fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Students must have completed Dual Credit Crowder College Calculus 1, Part I to enroll.

This course only satisfies half of the required half credit requirements for a student's junior or senior year. The student can pair this course with another dual credit math course to fulfill high school graduation requirements.

13022: AP Calculus

Program	**Mathematics**
Course Credit	**1.0 Math Credit**

Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Statistics is a college-level course that introduces students to the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. The course emphasizes statistical thinking and the use of data to make informed decisions.

Students will study the exploration and analysis of data using graphical and numerical methods, planning and conducting studies, probability and random variables, and statistical inference. Topics include confidence intervals, hypothesis testing, regression analysis, and interpreting results in context. Students will use technology to analyze data and model real-world situations.

This course prepares students for the College Board's AP Statistics exam and may allow students to earn college credit upon successful completion of the exam.

Students are financially responsible for AP exam fees. This course is weighted only if the student completes the AP exam at the end of the semester. If a student opts not to take the AP exam, the course will hold a regular GPA weight.

13023: AP Statistics

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Students will study a non-calculus-based introduction to statistics that emphasizes exploring data, identifying patterns and departures from patterns, and planning effective statistical studies. Instruction includes determining what data to collect and how to measure it, probability and simulation, and statistical inference. Students will regularly use graphing calculators and other tools to analyze data. Throughout the course, students will complete multiple projects that apply statistical concepts to real-world scenarios and reinforce statistical reasoning.

Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

13024: Probability and Statistics

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Length	**2 Semesters**
NCAA	**Yes**

Students will explore and represent data using a variety of graphs and plots, analyze relationships between two variables, and learn appropriate methods for gathering data. Instruction emphasizes the role of randomness in statistical studies, along with the study of probability, the creation and interpretation of confidence intervals, and the use of statistical inference tests.

13025: AP Computer Science Principles

Program	**Mathematics** **Science**
Course Credit	**1.0 Math Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

This course introduces students to the creative and foundational aspects of computer science, including programming, abstractions, algorithms, large data sets, the internet, cybersecurity, and the impact of computing on society. Students will explore how digital technologies shape the modern world while learning how computing systems function.

Emphasis is placed on developing computational thinking skills such as problem-solving, logical reasoning, and algorithmic design. Students will engage in hands-on activities and projects that build a strong foundation in core programming concepts and prepare them for advanced coursework or careers in computer science, technology, and related fields.

Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

13026: AP Computer Science A

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Computer Science A introduces students to the design and implementation of computer programs using the Java programming language. This course emphasizes object-oriented programming concepts and is designed to be the equivalent of a first-semester, college-level computer science course.

Students will focus on problem-solving, algorithm development, and logical reasoning while gaining hands-on experience writing, testing, and debugging programs. Instruction includes the use of programming tools and real-world examples to help students apply computational thinking and solve complex problems.

This course prepares students for the College Board's AP Computer Science A exam and provides a strong foundation for further study in computer science, engineering, and other STEM-related fields.

Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight. After successful completion, this course may be used as a math, science, or practical art graduation requirement or as a general elective requirement.

13027: Transition to College Math

Program	**Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

College Algebra is designed to prepare seniors for success in college-level mathematics courses. This project-based course emphasizes practical application of algebraic concepts while strengthening problem-solving and analytical skills.

Topics include linear equations, quadratic equations, and exponential growth and decay. Students will apply mathematical concepts through real-world projects such as budgeting, college planning, scholarship research, and career exploration. Emphasis is placed on mathematical reasoning, decision-making, and the application of algebra to personal and academic contexts.

This course supports college readiness and provides a strong foundation for postsecondary success.

13028: Dual Credit Crowder College Calculus II

Program	**Mathematics**
Course Credit	**0.5 Math Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Calculus II continues the calculus and analytic geometry sequence with an emphasis on advanced integration techniques and their applications. Students will study various methods of integration and explore applications related to area, volume, and other real-world problems.

Additional topics include sequences and series, parametric curves, and the polar coordinate system. This course is designed to further develop students' analytical reasoning and problem-solving skills and to prepare them for continued study in mathematics, engineering, and science-related fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Students must have completed Dual Credit Crowder College Calculus I, Part II to enroll.

This course only satisfies half of the required half credit requirements for a student's junior or senior year. The student can pair this course with another dual credit math course to fulfill high school graduation requirements.

This course is only offered on Crowder College Campus. Students enrolling in this course should have individual transportation to and from Crowder without relying on school transportation.

18009: PACE: 7th Grade Math

Program	**Special Education** **Mathematics**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

PACE: 7th Grade Math is designed to provide specially designed instruction aligned to foundational math concepts while meeting the individual needs of students receiving special education services. Instruction emphasizes number sense, basic operations, problem-solving strategies, and the practical application of mathematical concepts.

Students will engage in scaffolded learning experiences that support understanding of concepts such as fractions, decimals, ratios, basic algebraic thinking, and real-world math applications. Course content and instructional strategies are individualized and adapted to align with each student's goals, supporting academic growth and confidence in mathematics.

18010: PACE: 8th Grade Math

Program	**Special Education** **Mathematics**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

PACE: 8th Grade Math builds upon foundational math skills with an increased focus on problem solving, mathematical reasoning, and real-world application. Instruction emphasizes core concepts such as operations with rational numbers, proportional reasoning, basic equations, geometry concepts, and introductory algebraic thinking.

Students will participate in structured, differentiated instruction designed to strengthen mathematical understanding and promote independence. Course content is individualized and adapted to meet specific student needs, with instruction aligned to goals outlined, preparing students for high school-level math expectations.

18011: PACE: 9th Grade Math

Program	**Special Education** **Mathematics**

Course Credit	**1.0 Math Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 9th Grade Math provides specially designed instruction aligned to foundational high school mathematics concepts while addressing individual student needs. Instruction emphasizes number sense, basic algebraic thinking, problem-solving strategies, and the practical application of math skills in real-world contexts.

Students will engage in scaffolded learning experiences focused on operations with rational numbers, introductory equations, proportions, and functional math skills. Course content and instructional strategies are individualized, supporting academic growth and confidence in mathematics.

18012: PACE: 10th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 10th Grade Math builds upon foundational math skills with an increased focus on algebraic reasoning, mathematical relationships, and applied problem solving. Instruction emphasizes equations, expressions, basic geometry concepts, data interpretation, and real-world applications of mathematics.

Students will participate in structured, differentiated instruction designed to strengthen mathematical understanding and promote independence. Course content is individualized and adapted to meet specific student needs.

18013: PACE: 11th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 11th Grade Math focuses on applying mathematical skills to functional, academic, and real-world situations. Instruction emphasizes problem solving, reasoning, and the use of mathematics in daily living, career readiness, and decision-making contexts.

Students will work with concepts such as budgeting, measurement, data analysis, basic algebraic applications, and practical geometry. Instruction is individualized with an emphasis on increasing independence and preparing students for postsecondary transitions.

18014: PACE: 12th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 12th Grade Math is designed to strengthen functional math skills and support students in applying mathematics to independent living and postsecondary readiness. Instruction emphasizes real-world applications such as financial literacy, personal budgeting, consumer math, measurement, and problem solving related to daily life and employment.

Course content is individualized, with a focus on maintaining skills, promoting independence, and supporting successful transition beyond high school.

Mathematics Course Pathways

On Grade-Level Course Pathway

Grade	Course Code	Title	Credits
7	13003	7th Grade Math	
8	13007	8th Grade Math	
9	13009	Algebra I (High School Level Course)	1.0
10	13011	Geometry	1.0
11	13013	Algebra II	1.0
12	13027	Transition to College Math	1.0
		Total Credits Needed Credits	**4**

Advanced Course Pathway

Grade	Course Code	Title	Credits
7	13005	7th Grade Advanced Math	
8	13008	8th Grade Advanced Math	
9	13010	Pre-AP Algebra I	1.0
10	13012	Pre-AP Geometry with Statistics	1.0
11	13014	Pre-AP Algebra II	1.0
12		Precalculus and Trigonometry or Dual Credit Crowder College Algebra for Calculus	1.0
		Total Credits Needed Credits	**4**

AP Course Pathway

Grade	Course Code	Title	Credits
5	13001	5th Grade Accelerated Math	
6	13002	6th Grade Accelerated Math	
7	13006	Pre-Algebra (Accelerated Course)	
8	13009	Algebra I (High School Level Course)	1.0
9	13012	Pre-AP Geometry with Statistics	1.0
10	13014	Pre-AP Algebra II	1.0

2 courses - one junior year and one senior year of the following:

Grade	Course Code	Title	Credits
	13023	AP Statistics	1.0
	13022	AP Calculus	1.0
	13025	AP Computer Science Principles	1.0
	13026	AP Computer Science A	1.0
		Total Credits Needed Credits	**5**

Dual Credit Course Pathway

For Dual Credit Crowder College Calculus II: seated at Crowder College, recommended to check with the student's college of choice to verify Calculus II is required for their desired degree. An AP course or other dual credit course may be better suited to meet the needs of the degree requirements.)

Grade	Course Code	Title	Credits
5	13001	5th Grade Accelerated Math	
6	13002	6th Grade Accelerated Math	
7	13006	Pre-Algebra (Accelerated Course)	
8	13009	Algebra I (High School Level Course)	1.0
9	13012	Pre-AP Geometry with Statistics	1.0
10		Dual Credit Crowder College Algebra for Calculus and Dual Credit Crowder College Trigonometry or Dual Credit Crowder College Elementary Statistics	1.0
11		Dual Credit Crowder College Calculus I, Parts I and II	1.0
12	13028	Dual Credit Crowder College Calculus II	0.5
		Total Credits Needed Credits	**5**

	Total Credits	**4-6**

Multi-Lingual Learner

Multi-Lingual Learner (MLL) courses are designed to support students whose first language is not English by strengthening their skills in listening, speaking, reading, and writing. Instruction is tailored to individual student needs and proficiency levels, ensuring that each learner receives targeted support to grow academically and linguistically. MLL courses help students progress toward English language proficiency while fostering the skills necessary for academic achievement, cultural understanding, and full participation in the school community. MLL courses coincide with core subject areas creating a support system and partnership that is beneficial to students. Enrollment in multi-lingual learner courses is dependent on screening tests and teacher analysis. Students enrolled in multi-language learner courses will not automatically be excused from standardized testing.

Multi-Lingual Learner Course Descriptions

3003: English Language Development

Program	**Multi-Lingual Learner**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7**
Length	**2 Semesters**

English Language Development is designed to support Multi-Lingual Learners as they build the language skills necessary for success in both academic and social settings. This course provides targeted instruction that supplements, rather than replaces, students' core coursework.

Students will receive structured support to build vocabulary, improve grammar and sentence structure, strengthen reading and listening comprehension, and develop confidence in speaking and writing. Instruction is tailored to each learner's proficiency level, ensuring that students receive meaningful, appropriate language practice that accelerates growth.

Through guided practice, collaborative activities, and explicit language instruction, students will develop the communication skills needed to more fully engage in their academic classes. Teachers will also help students navigate grade-level content by providing strategies for understanding complex texts, participating in discussions, and expressing ideas clearly.

English Language Development creates a supportive environment where students can take risks, practice new skills, and grow as confident, capable communicators while progressing toward English language proficiency.

Placement in English Language Development courses is determined through a combination of screening assessments and teacher evaluations.

3006: English Language Development II

Program	**Multi-Lingual Learner**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**8**
Length	**2 Semesters**

English Language Development II is designed for Multi-Lingual Learners who have developed foundational English skills and are ready to advance their proficiency in academic and social communication. This course provides targeted language instruction that supports students as they work toward higher levels of fluency and confidence across all domains: listening, speaking, reading, and writing.

Students in English Language Development II will continue to strengthen vocabulary, grammar, and sentence structure, with a greater emphasis on applying these skills to complex academic tasks. Instruction supports comprehension of grade-level texts, development of well-organized written responses, and participation in extended discussions using increasingly precise and academic language.

Students will receive guided practice in analyzing informational and literary texts, writing in a variety of formats, and using language strategies to support success in core classes. Teachers will collaborate with content-area instructors to reinforce key academic skills and ensure students can meaningfully engage with grade-level coursework.

English Language Development II helps students progress toward full English language proficiency, equipping them with the communication skills needed for continued academic success and confident participation in school and community environments.

Placement in English Language Development courses is determined through a combination of screening assessments and teacher evaluations.

3009: English Acquisition I

Program	**Multi-Lingual Learner**
Course Credit	**1.0 Elective Credit**
Grade	**9,10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

English Acquisition I is designed to aid students in learning and improving their foundational listening, speaking, reading, and writing skills in English. This course provides targeted instruction that supports students as they develop essential communication abilities needed for both academic success and everyday interactions.

Students will focus on strengthening the foundational areas of phonemic awareness, phonics, vocabulary development, fluency, and comprehension. Instruction is tailored to students' proficiency levels and includes guided practice, interactive language activities, and structured opportunities to apply new skills in meaningful contexts.

Students will learn strategies to better understand classroom content, participate in discussions, and express ideas clearly in spoken and written English. The course creates a supportive environment where learners can build confidence while progressing toward English language proficiency.

English Acquisition I provides the essential building blocks for continued growth in English while helping students prepare for more advanced language acquisition coursework.

Placement in English Language Development courses is determined through a combination of screening assessments and teacher evaluations.

3013: English Acquisition II

Program	**Multi-Lingual Learner**
Course Credit	**1.0 Elective Credit**
Grade	**9,10,11,12**

Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

English Acquisition II is designed for students who have developed initial English skills and are ready to advance their proficiency in academic and social communication. This course provides focused language instruction that helps students deepen their understanding of English while supporting success across all subject areas.

Students will build on foundational skills by expanding their vocabulary, improving grammar and sentence structure, and strengthening reading and listening comprehension. Increased emphasis is placed on producing clear, well-organized spoken and written communication using more advanced language structures.

Through targeted practice with both literary and informational texts, students will learn strategies for analyzing content, identifying key ideas, and expressing complex thoughts more confidently. Instruction also supports students in navigating grade-level assignments by teaching skills such as summarizing, citing evidence, participating in discussions, and planning written responses.

English Acquisition II prepares students to progress toward higher levels of English proficiency, enabling them to participate more fully in academic coursework and engage confidently in both school and community settings.

Placement in English Language Development courses is determined through a combination of screening assessments and teacher evaluations.

Multimedia

Multimedia Course Descriptions

14001: Multimedia Exploration

Program	**Multimedia**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Students will learn how to plan, write, and produce original multimedia projects using a variety of styles, techniques, and production processes. The course explores filmmaking, digital media creation, and audio storytelling, including trailers, stop-motion animation, computer animation, podcasts, biographies, and live-action video.

This course emphasizes storytelling, creativity, and technical skills while incorporating industry-related technologies used in multimedia production. Students are expected to multitask, pay close attention to detail, collaborate effectively, and demonstrate self-motivation throughout the creative process.

14002: Introduction to Radio and Television

Program	**Multimedia**
Course Credit	**1.0 Elective Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Radio and Television Technology is an introductory course designed to provide high school students with a foundation in broadcast media and digital production. Students will explore the principles, equipment, and techniques used in radio and television industries.

The course covers basic audio and video production, camera operation, sound recording, lighting, scriptwriting, and editing. Students will also examine media ethics, communication skills, and the role of radio and television in society. Hands-on projects allow students to apply technical skills while developing creativity and teamwork.

This course provides a strong foundation for students interested in careers in broadcasting, journalism, digital media, film, or related communication fields.

14003: Radio and Television Technology II

Program	**Multimedia**
Course Credit	**1.0 Elective Credit**

Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Radio and Television Technology II is an advanced course designed for students who have completed Radio and Television Technology I and wish to deepen their skills in broadcast media and digital production. This course emphasizes advanced technical proficiency, creative storytelling, and professional production practices.

Students will expand their knowledge of audio and video production through advanced camera techniques, lighting, sound design, scriptwriting, directing, editing, and post-production. Emphasis is placed on teamwork, project management, media ethics, and real-world applications. Students may produce broadcast-ready content for school or community platforms.

This course prepares students for advanced study or entry-level opportunities in broadcasting, journalism, film, and digital media fields.

Prerequisites
Prerequisites include successful completion of Radio and Television Technology I.

14004: Wildcat Multimedia I

Program	**Multimedia**
Course Credit	**1.0 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Wildcat Multimedia I introduces students to the foundations of multimedia design, visual storytelling, and digital production. Students explore how images, sound, and motion communicate ideas and evoke emotion while learning essential principles of design and composition.

Through hands-on projects in photography, video production, and digital graphics, students develop creative and technical skills using industry-standard software and tools. Emphasis is placed on visual storytelling, collaboration, and responsible media creation and use. This course provides a strong foundation for students interested in advanced study or careers in multimedia, design, and digital production.

Prerequisites include successful completion of Radio and Television Technology II.

14005: Wildcat Multimedia II

Program	**Multimedia**
Course Credit	**1.0 Elective Credit**
Grade	**12**

Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Wildcat Multimedia II builds upon the foundations of design and visual storytelling introduced in Wildcat Multimedia I, with an emphasis on project planning, production, and post-production across multiple media forms. Students integrate visual, audio, and motion elements to create cohesive multimedia works designed for real audiences.

Projects may include video shorts, digital graphics, audio storytelling, or promotional content for school or community events. Students refine technical proficiency by working with advanced tools and workflows while collaborating on team-based projects. Emphasis is placed on meeting deadlines, managing projects, and presenting creative decisions in a professional manner.

This course prepares students for advanced multimedia study, leadership roles in media production, or careers in digital design and content creation.

Prerequisites include successful completion of Wildcat Media I.

14006: Wildcat Media Productions

Program	**Multimedia**
Course Credit	**1.0 Elective Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

Wildcat Media Productions is an advanced, project-based course in which students take on real-world multimedia projects for school and community clients. Working in both studio and field environments, students produce professional-quality content such as athletic team features, event highlight reels, promotional campaigns, podcasts, and digital media for a variety of audiences.

Emphasis is placed on independence, leadership, and adherence to professional standards. Students manage all stages of production, including pre-production planning, client collaboration, production, post-production, and delivery of final media products. The course mirrors industry practices and workflows, preparing students for college programs and careers in media production, design, and communication.

Prerequisites include successful completion of Wildcat Media I.

14007: Graphic Design

Program	**Multimedia** **Business**
Course Credit	**1.0 Practical Arts Credit**
Grade	**9,10**
Grading Scale	**NHS Grade Scale**

Length	**2 Semesters**
NCAA	**No**

This course is an introduction to graphic design with a primary focus on the practical application of design principles and tools. Students will learn the "how" of graphic design by creating original work using Adobe Illustrator, Adobe Photoshop, and Adobe InDesign, which are industry-standard software programs.

Instruction includes an overview of the elements and principles of design to help students understand what makes effective visual communication. This course provides a strong foundation for further study in web design, digital art, multimedia, and other advanced technology and design courses.

Prerequisites for this course include the successful completion of Introduction to Business or Introduction to Multimedia.

14008: Dual Credit Crowder College Introduction to Public Relations and Digital Marketing

Program	**Business** **Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

This course introduces students to the theory and principles of public relations and the best practices of digital marketing strategies used in today's online environment. Students will examine how organizations build relationships with the public, manage brand image, and communicate effectively with target audiences.

Instruction focuses on strategies for reaching the e-consumer, including social media engagement, online branding, content strategy, audience targeting, and reputation management. Through real-world examples and applied projects, students will learn how public relations and digital marketing work together to influence perception and drive engagement in digital spaces.

This course is ideal for students interested in marketing, communications, media, public relations, and digital business careers.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

14009: Dual Credit Crowder College Introduction to Digital Media Content Creation

Program	**Business** **Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Length	**1 Semester**
NCAA	**No**

Introduction to Digital Media Content Creation introduces students to the creation and management of digital content used in modern marketing and communication. Students will produce a variety of media, including podcasts, videos, blogs, and social media content, while learning how digital platforms are used to engage audiences and promote messages.

Students will develop skills in planning, organizing, creating, and analyzing digital content as part of a cohesive digital marketing campaign. Instruction includes understanding audience engagement, storytelling, branding, and the use of analytics to measure the effectiveness of content marketing strategies across multiple online platforms.

Through hands-on projects and real-world applications, students will gain experience with content creation tools, collaboration, and strategic decision-making. This course provides a strong foundation for students interested in digital media, marketing, communications, and creative technology careers.

Prerequisites for this course include the successful completion of Introduction to Public Relations and Digital Media Marketing.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

14010: Dual Credit Crowder College Social Media Strategies

Program	**Business** **Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Social Media Strategies is an advanced course focused on digital media content creation and the strategic use of social platforms for marketing and communication. Students will design, produce, and manage comprehensive social media campaigns that include podcasts, video production, visual communication, and written social media content.

Students will learn how to plan and execute media marketing campaigns across a variety of social media platforms, emphasizing audience engagement, branding, storytelling, and ethical digital practices. Instruction also includes analyzing engagement metrics, refining strategies based on data, and understanding platform-specific best practices.

Through hands-on projects and real-world applications, students will develop advanced skills in content creation, collaboration, and digital strategy, preparing them for careers in social media marketing, digital media, communications, and related fields.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

AV Work-Based Learning: AV Work-Based Learning

Program	**Multimedia**
Course Credit	**1.0 Elective Credit**

Dual Credit Crowder College COMM-106: Dual Credit Crowder College COMM-106

Program	**Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College COMM-108: Dual Credit Crowder College COMM-108

Program	**Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Dual Credit Crowder College COMM-231: Dual Credit Crowder College COMM-231

Program	**Multimedia**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

Physical Education

Physical Education Course Descriptions

15001: Health

Program	**Physical Education**
Course Credit	**0.5 Health Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**No**

This course is designed to increase students' awareness and understanding of choices that support a healthy lifestyle. Students will demonstrate learning through class discussions, assignments, projects, assessments, and participation in learning experiences both in and outside the classroom.

Topics include substance abuse prevention, sexual health education, nutrition and dietary patterns related to disease prevention, the risks associated with sedentary lifestyles, unintentional injury prevention, violence and suicide prevention, healthy relationships, and mental and emotional well-being. Students will also learn about community resources available to support personal health and wellness.

15002: Physical Education - Boys

Program	**Physical Education**
Credit Type	**7th and 8th Grade PE Credit**
Grade	**7,8**
Length	**1 Semester**

The primary emphasis of this course is for students to develop lifelong fitness skills through participation in team games. Fitness concepts and skills are taught through a variety of recreational and leisure activities such as volleyball, flag football, basketball, soccer, kickball, and wiffle ball.

Instruction emphasizes teamwork, cooperation, and sportsmanship while promoting physical fitness and social responsibility. This course encourages active participation and helps students build skills that support a healthy, active lifestyle beyond the school setting.

A physical education course is a requirement for both 7th and 8th grade.

15003: Physical Education - Girls

Program	**Physical Education**
Credit Type	**7th and 8th Grade PE Credit**
Grade	**7,8**

Length	**1 Semester**

The primary emphasis of this course is to help students develop lifelong fitness skills through participation in team games. Fitness concepts and skills are taught through a variety of recreational and leisure activities such as volleyball, flag football, basketball, soccer, kickball, and wiffle ball.

Instruction emphasizes group participation, cooperation, teamwork, and sportsmanship while supporting physical fitness and personal responsibility. This course encourages students to become active, socially responsible individuals who value lifelong physical activity.

A physical education course is a requirement for both 7th and 8th grade.

15004: Strength and Conditioning - Boys

Program	**Physical Education**
Credit Type	**7th and 8th Grade PE Credit**
Grade	**7,8**
Length	**1 Semester**

The primary emphasis of this course is for students to develop knowledge of advanced fitness concepts, including conditioning and weight training. Fitness concepts and skills are taught through a variety of exercises, demonstrations, and lifting techniques.

Instruction emphasizes proper form, safety, group participation, cooperation, and teamwork while promoting personal responsibility. This course supports the development of lifelong fitness habits and encourages students to become active, socially responsible individuals.

A physical education course is a requirement for both 7th and 8th grade.

15005: Strength and Conditioning - Girls

Program	**Physical Education**
Credit Type	**7th and 8th Grade PE Credit**
Grade	**7,8**
Length	**1 Semester**

The primary emphasis of this course is for students to develop knowledge of advanced fitness concepts, including conditioning and weight training. Fitness concepts and skills are taught through a variety of exercises, demonstrations, and lifting techniques.

Instruction emphasizes proper form, safety, group participation, cooperation, and teamwork while promoting personal responsibility. This course supports the development of lifelong fitness habits and encourages students to become active, socially responsible individuals.
A physical education course is a requirement for both 7th and 8th grade.

A physical education course is a requirement for both 7th and 8th grade.

15006: Strength and Conditioning II- Boys

Program	**Physical Education**
Credit Type	**8th Grade PE Credit**

Grade	**8**
Length	**1 Semester**

This course is designed to help students develop knowledge of advanced fitness concepts, including conditioning and weight training. Fitness skills are taught through a variety of exercises, demonstrations, and lifting techniques.

Instruction emphasizes proper technique, safety, group participation, and cooperation while promoting personal responsibility. This course supports the development of lifelong fitness habits and encourages students to become active, socially responsible individuals.

A physical education course is a requirement for both 7th and 8th grade.

15007: Strength and Conditioning II- Girls

Program	**Physical Education**
Credit Type	**8th Grade PE Credit**
Grade	**8**
Length	**1 Semester**

This course is designed to help students develop knowledge of advanced fitness concepts, including conditioning and weight training. Fitness skills are taught through a variety of exercises, demonstrations, and lifting techniques.

Instruction emphasizes proper technique, safety, group participation, and cooperation while promoting personal responsibility. This course supports the development of lifelong fitness habits and encourages students to become active, socially responsible individuals.

A physical education course is a requirement for both 7th and 8th grade.

15008: Physical Education - Unified

Program	**Physical Education**
Credit Type	**7th and 8th Grade PE Credit**
Grade	**7,8**
Length	**1 Semester**

This course is designed for students interested in participating in the Unified Special Olympics program. Special Olympics promotes social inclusion through shared sports training and competition experiences by bringing together students with and without intellectual disabilities on the same team.

Unified Sports is built on the principle that training and playing together fosters friendship, understanding, and respect. Teams are composed of students of similar age and ability. Students enrolled in this course will serve as mentors and teammates for members of the Neosho Junior High Special Olympics Team, supporting skill development, teamwork, and inclusive participation.

A physical education course is a requirement for both 7th and 8th grade.

15009: Boys Physical Education

Program	**Physical Education**

Course Credit	**1.0 PE Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**No**

This course combines physical fitness development with participation in lifetime sports and games. Students will learn and apply both health-related and skill-related components of physical fitness through a variety of exercises, activities, and individual and team sports.

Emphasis is placed on establishing and maintaining an appropriate level of physical fitness. Students will use physical fitness assessments and physical education standards to evaluate their current fitness levels and set goals for improvement. Instruction also includes learning the fundamental skills, rules, and strategies associated with a variety of sports and games.

This course promotes lifelong physical activity by fostering an understanding of fitness, movement, and healthy habits.

15010: Girls Physical Education

Program	**Physical Education**
Course Credit	**1.0 PE Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

This course focuses on physical fitness development through participation in lifetime sports and games. Students will learn and apply both health-related and skill-related components of physical fitness through a variety of exercises, activities, and individual and team sports.

A primary emphasis is placed on establishing and maintaining an appropriate level of physical fitness. Physical fitness assessments and physical education standards are used to help determine each student's fitness level, set goals, and monitor progress. Students will work to improve their personal fitness results over time. Instruction also includes learning the fundamental skills, rules, and concepts associated with a variety of sports and games.

15011: Unified Physical Education

Program	**Physical Education**
Course Credit	**1.0 PE Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Adapted Physical Education provides specially designed instruction for students who are unable to participate in a regular physical education class, even with modifications, accommodations, or supplementary aids and services. Instruction is individualized to meet each student's unique needs and focuses on developing motor skills, physical fitness, and participation in physical activity to support overall health and well-being.

15012: Strength and Conditioning - Boys

Program	**Physical Education**
Course Credit	**1.0 PE Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

This course is designed to further develop the Neosho High School athlete's physical and mental performance through a structured program of lifts, drills, and exercises. The primary goals are to improve athletic performance, reduce the risk of injury, and support character development.

Instruction emphasizes both health-related and skill-related components of physical fitness. Students will focus on building strength, endurance, flexibility, speed, agility, and power while developing discipline, teamwork, and goal-setting skills that support success in athletics and beyond.

Prerequisites for this course include currently participating in a sport and actively participating in out-of-season training. Students must participate in Summer Strength and Conditioning during June and July. Students must have completed their sports season and be documented on the official roster of the sport. Incoming freshmen will need approval from the Junior High School PE instructor or the Varsity High School coach. Students must maintain a B average in the course. Students failing to maintain a B average risk being moved to a physical education class. Students unable to finish the course with a B will not be able to enroll in the course the following semester.

15013: Strength and Conditioning- Girls

Program	**Physical Education**
Course Credit	**1.0 PE Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

This course is designed to further develop the Neosho High School athlete's physical and mental performance through a structured program of lifts, drills, and exercises. The primary goals are to improve athletic performance, reduce the risk of injury, and support character development.

Instruction emphasizes both health-related and skill-related components of physical fitness. Students will focus on building strength, endurance, flexibility, speed, agility, and power while developing discipline, teamwork, and goal-setting skills that support success in athletics and beyond.

Prerequisites for this course include currently participating in a sport and actively participating in out-of-season training. Students must participate in Summer Strength and Conditioning during June and July. Students must have completed their sports season and be documented on the official roster of the sport. Incoming freshmen will need approval from the Junior High

School PE instructor or the Varsity High School coach. Students must maintain a B average in the course. Students failing to maintain a B average risk being moved to a physical education class. Students unable to finish the course with a B will not be able to enroll in the course the following semester.

15014: Lifetime Activities

Program	**Physical Education**
Course Credit	**1.0 PE Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Students will learn through a variety of activities that develop cardiovascular endurance, muscular strength, and physical skills. Instruction emphasizes understanding and applying fitness concepts to achieve and maintain a healthy, active lifestyle. Students will be introduced to activities that can be continued and enjoyed beyond the school setting, supporting lifelong fitness and wellness. A fee may be required for certain off-campus activities.

Prerequisites for this course include successful completion of a physical education course. This course is a co-ed course.

15015: Dual Credit Crowder College Lifetime Wellness

Program	**Physical Education**
Course Credit	**0.5 PE Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Lifetime Wellness is designed to help students develop the knowledge, skills, and habits necessary for maintaining a healthy lifestyle throughout their lives. This course focuses on the interconnected nature of physical and mental wellness, emphasizing personal responsibility for overall health. Students will explore basic anatomy and body systems related to physical fitness, nutrition, and daily functioning, while examining how dietary choices and health behaviors impact long-term well-being. In addition, the course addresses mental and emotional health by introducing coping strategies, stress management techniques, and healthy decision-making skills. Through discussion, reflection, and practical application, students will learn how to adapt to life's challenges and make informed choices that support lifelong wellness.

Prerequisites for this course include the successful completion of Introduction to Business.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

15016: Athlete Strength and Conditioning-Boys

Program	**Physical Education**

Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

This course is designed for male student-athletes who are actively participating in school-sponsored sports and are committed to elevating their athletic performance beyond foundational strength training. Building upon prior strength and conditioning coursework, students will engage in advanced, sport-specific training focused on maximizing strength, power, speed, agility, and overall athletic efficiency.

Instruction emphasizes advanced lifting techniques, movement mechanics, injury prevention strategies, and performance tracking. Students will analyze training cycles, apply progressive overload principles, and refine mental toughness, discipline, and leadership skills essential for competitive athletics. Conditioning programs are aligned with in-season and off-season demands to support peak performance while reducing injury risk.

This course is intended for highly motivated athletes who demonstrate consistency, accountability, and a strong work ethic and who seek to prepare for higher levels of competition at the varsity, collegiate, or elite level.

Prerequisites for this course include currently participating in a sport and actively participating in out-of-season training. Students must participate in Summer Strength and Conditioning during June and July. Students must have completed their sports season and be documented on the official roster of the sport. Incoming freshmen will need approval from the Junior High School PE instructor or the Varsity High School coach. Students must maintain a B average in the course. Students failing to maintain a B average risk being moved to a physical education class. Students unable to finish the course with a B will not be able to enroll in the course the following semester.

15017: Athlete Strength and Conditioning-Girls

Program	**Physical Education**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

This course is designed for male student-athletes who are actively participating in school-sponsored sports and are committed to elevating their athletic performance beyond foundational strength training. Building upon prior strength and conditioning coursework, students will engage in advanced, sport-specific training focused on maximizing strength, power, speed, agility, and overall athletic efficiency.

Instruction emphasizes advanced lifting techniques, movement mechanics, injury prevention strategies, and performance tracking. Students will analyze training cycles, apply progressive overload principles, and refine mental toughness, discipline, and leadership skills essential for competitive athletics. Conditioning programs are aligned with in-season and off-season demands to support peak performance while reducing injury risk.

This course is intended for highly motivated athletes who demonstrate consistency, accountability, and a strong work ethic and who seek to prepare for higher levels of competition at the varsity, collegiate, or elite level.

Prerequisites for this course include currently participating in a sport and actively participating in out-of-season training. Students must participate in Summer Strength and Conditioning during June and July. Students must have completed their

sports season and be documented on the official roster of the sport. Incoming freshmen will need approval from the Junior High School PE instructor or the Varsity High School coach. Students must maintain a B average in the course. Students failing to maintain a B average risk being moved to a physical education class. Students unable to finish the course with a B will not be able to enroll in the course the following semester.

Science

Science Course Descriptions

13025: AP Computer Science Principles

Program	**Mathematics** **Science**
Course Credit	**1.0 Math Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

This course introduces students to the creative and foundational aspects of computer science, including programming, abstractions, algorithms, large data sets, the internet, cybersecurity, and the impact of computing on society. Students will explore how digital technologies shape the modern world while learning how computing systems function.

Emphasis is placed on developing computational thinking skills such as problem-solving, logical reasoning, and algorithmic design. Students will engage in hands-on activities and projects that build a strong foundation in core programming concepts and prepare them for advanced coursework or careers in computer science, technology, and related fields.

Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

16001: 7th Grade Science

Program	**Science**
Credit Type	**Grade 7 Credit**
Grade	**7**
Grading Scale	**Default**
Length	**2 Semesters**

7th Grade Science introduces students to foundational concepts in physics, chemistry, and life science, providing a broad overview of the major branches of science. Students will strengthen their problem-solving skills by applying the scientific method through hands-on activities, investigations, and inquiry-based learning. Emphasis is placed on critical thinking, observation, data analysis, and drawing evidence-based conclusions to deepen understanding of scientific concepts introduced throughout the course.

16002: 7th Grade Advanced Science

Program	**Science**
Credit Type	**Grade 7 Credit**

Grade	**7**
Length	**2 Semesters**

Advanced 7th Grade Science is designed for students seeking a deeper and more rigorous exploration of scientific concepts. This course emphasizes close observation, critical analysis, higher-order questioning, and evidence-based academic writing. Students will engage in an accelerated study of physics, chemistry, and life science while consistently applying problem-solving strategies and the scientific method. Through inquiry-based investigations, data analysis, and written explanations supported by evidence, students will develop strong scientific reasoning skills and a deeper understanding of the topics introduced throughout the course.

16003: 8th Grade Science

Program	**Science**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

8th Grade Science builds upon the concepts introduced in previous science courses with an increased emphasis on reasoning, analysis, and a deeper understanding of scientific ideas. Students will strengthen their ability to think critically, apply scientific reasoning, and make connections across topics through inquiry-based learning and problem-solving activities. The course also prepares students for the state-required science assessment, which students will complete at the end of the course.

16004: 8th Grade Advanced Science

Program	**Science**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

8th Grade Advanced Science is a rigorous course designed for students seeking an in-depth and accelerated study of science concepts. The course emphasizes close observation, analytical thinking, higher-order questioning, and evidence-based academic writing. Building on the foundations established in previous science courses, students will apply scientific reasoning to explore concepts at a deeper level through inquiry-based investigations and problem-solving activities. Students will also prepare for and complete the state-required science assessment at the end of the course.

16005: Physical Science

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**Yes**

Physical Science is an introductory science course that focuses on the fundamental principles of chemistry and physics. Students will explore how matter and energy interact through the study of waves, force, motion, and electromagnetism. The course also examines atomic structure, the organization and trends of the periodic table, and the nature of chemical bonding and reactions. Emphasis is placed on hands-on activities and laboratory investigations, data collection, collaboration in cooperative groups, and analysis of scientific information. Students will apply science and engineering practices to explain phenomena, support scientific arguments with evidence, design solutions to problems, identify relationships between variables, and make predictions about how changes in one variable affect others.

16006: Advanced Physical Science

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Advanced Physical Science is a rigorous introductory science course that focuses on the fundamental principles of chemistry and physics. Students will investigate how matter and energy interact through the study of waves, force, motion, and electromagnetism. The course also includes an in-depth examination of atomic structure, periodic table organization and trends, and chemical bonding and reactions. Emphasis is placed on higher-level inquiry through hands-on activities and laboratory investigations, data collection and analysis, and collaboration in cooperative groups. Students will apply science and engineering practices to explain phenomena, support scientific arguments with evidence, design and evaluate solutions to problems, identify relationships between variables, and predict how changes in one variable affect others.

16007: Biology

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Biology is a foundational science course that explores the structure, function, growth, evolution, and distribution of living organisms. Students will study key biological concepts, including genetics, ecology, and the relationships between organisms and their environments. As one of the core natural sciences, alongside chemistry and physics, this course emphasizes the use of science and engineering practices to deepen understanding of biological phenomena. Students will explain concepts using evidence, support scientific arguments, analyze and annotate scientific texts, design solutions to biological problems, and make predictions about how changes in one variable may impact other variables within living systems.

All students are required to take Biology , Advanced Biology, or Dual Credit Biology. Students will take the mandatory Biology End of Course (EOC) Exam at the completion of this course.

16008: Pre-AP Biology

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**9,10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Advanced Biology is a rigorous science course designed for students seeking an in-depth study of the structure, function, growth, evolution, and distribution of living organisms. Students will explore advanced concepts in genetics, ecology, and biological systems, with an emphasis on critical thinking and scientific analysis. As one of the core natural sciences alongside chemistry and physics, this course emphasizes higher-level use of science and engineering practices. Students will explain complex biological phenomena, support scientific arguments with evidence, annotate and analyze scientific literature, design and evaluate solutions to biological problems, and make evidence-based predictions about how changes in one variable affect other variables within living systems.

All students are required to take Biology , Advanced Biology, or Dual Credit Biology. Students will take the mandatory Biology End of Course (EOC) Exam at the completion of this course.

16009: AP Biology

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Biology is a college-level science course designed for students to engage in an in-depth study of the structure, function, growth, evolution, and distribution of living organisms. The course explores advanced topics such as genetics, ecology, cellular processes, and biological systems. As one of the fundamental natural sciences alongside chemistry and physics, AP Biology emphasizes rigorous application of science and engineering practices. Students will analyze and interpret data, explain complex biological phenomena, support scientific arguments with evidence, annotate and evaluate scientific literature, design and refine solutions to biological problems, and make evidence-based predictions about how changes in one variable affect other variables within living systems.

Students are recommended to take Biology or Pre-Ap Biology as a prerequisite for this course. Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

16010: Dual Credit Crowder College Biology

Program	**Science**

Course Credit	**1.0 Science Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Dual Credit Biology 101 is an introductory college-level course that explores the unifying principles of living organisms at the chemical, cellular, organismal, and population levels of organization. Topics include cell structure and function, metabolism, genetics, evolution, and ecology. Emphasis is placed on core biological principles and the interactions between humans and the natural world, along with the potential outcomes of those interactions. A hands-on laboratory component supports lecture content and emphasizes scientific investigation, data analysis, and application of biological concepts using college-level expectations.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

This course will last a full year. Students will earn a full credit for the course at the high school level and 4 college credit hours for the course, which will be reported on the Fall transcript for Crowder College.

16011: Chemistry

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Chemistry is designed to provide students with a foundational understanding of chemical principles and the skills necessary for success in college-level science courses. Major topics include atomic structure, chemical bonding, reactions, states of matter, and solutions. The course emphasizes both theoretical concepts and practical application through problem solving and hands-on laboratory investigations. Students will develop critical thinking and analytical skills by applying chemistry concepts to real-world situations. This course is particularly suited for students planning to attend college who are required to complete a lab-based science course.

16012: Pre-AP Chemistry

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**

Length	**2 Semesters**
NCAA	**Yes**

This course is a rigorous, college-preparatory course that covers greater depth and breadth of content than Chemistry I and is designed to prepare students for success in AP Chemistry and introductory college-level chemistry courses. The course introduces chemistry as a physical science that relies heavily on mathematical analysis and quantitative reasoning.

Students explore the nature and properties of matter and the interactions between matter and energy. Major topics include chemical and physical changes, balancing chemical equations, stoichiometry, chemical bonding, and states of matter. Laboratory investigations are an integral component of the course and are designed to reinforce lecture content while developing technical laboratory skills, data analysis, and scientific reasoning.

This course is especially suited for students planning to attend college who will be required to complete a lab-based science course and who seek a strong foundational understanding of chemistry.

16013: AP Chemistry

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Chemistry is a rigorous, college-level course that explores the fundamental concepts of chemistry, including the structure and states of matter, intermolecular forces, and chemical reactions. Students will engage in extensive hands-on laboratory investigations and apply chemical calculations to analyze data and solve complex problems. Emphasis is placed on developing strong analytical, problem-solving, and scientific reasoning skills aligned with college expectations. Students are encouraged to maintain detailed lab notebooks and reports, as colleges may require review of these materials when determining eligibility for college credit.

Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

16014: Introduction to Engineering Design-PLTW

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Introduction to Engineering Design is a Project Lead The Way (PLTW) course that introduces students to the field of engineering and a systematic approach to problem solving through the engineering design process. Students progress from structured activities to open-ended projects that require planning, documentation, communication, collaboration, and professional skills. The course emphasizes engineering design and development practices such as project management, peer review, and iterative problem solving. Students will develop skills in technical representation and documentation aligned to industry standards, use 3D design and modeling software to create and communicate solutions, and apply computational methods—including statistical analysis and mathematical modeling—commonly used in engineering problem solving.

Prerequisites for the course include successful completion of Algebra I and the corequisite of being enrolled in Geometry, or having successfully completed Geometry.

16015: Dual Credit Crowder College Introduction to Chemistry

Program	**Science**
Course Credit	**0.5 Science Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Dual Credit Survey of Chemistry Essentials 106 is a college-level course designed for non-science majors and fulfills part of the general education science requirement. The course provides a broad overview of chemistry with an emphasis on descriptive concepts rather than advanced theory. Topics highlight the role of chemistry in everyday life and its impact on society, drawing from inorganic, organic, and biochemistry. Students will explore practical applications of chemistry that connect scientific concepts to real-world experiences and informed decision-making.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

16016: AP Physics

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Physics is an algebra-based, introductory college-level course that develops students' understanding of physics through inquiry-based investigations and mathematical modeling. Students will explore and create models of physical phenomena while solving real-world and theoretical problems. Major topics include kinematics; forces and translational dynamics; work, energy, and power; linear momentum; torque and rotational dynamics; energy and momentum of rotating systems; oscillations; and fluids. Emphasis is placed on problem solving, critical thinking, and applying mathematical reasoning to analyze and explain physical systems in preparation for college-level study.

Prerequisites for this course include successful completion of Geometry and concurrent enrollment in Algebra II, or successful completion of Algebra II. Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

16017: Principles of Engineering-PLTW

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Principles of Engineering is a PLTW engineering survey course that introduces students to a wide range of engineering concepts through activity-, project-, and problem-based learning. The course exposes students to key topics commonly found in college-level engineering and two-year technical programs, including electrical engineering, thermodynamics, coding, robotics, and compound machines. Students will investigate engineering career pathways while developing strong problem-solving and critical-thinking skills. Emphasis is placed on applying research and design principles to create solutions to real-world challenges, professionally documenting the engineering process, and effectively communicating technical solutions.

Prerequisites for the course include successful completion of Introduction to Engineering-PLTW and successful completion of Geometry.

16018: Earth Science

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Earth Science introduces students to the fundamental concepts of geology, meteorology, oceanography, and astronomy. Students will explore Earth's structure, materials, and dynamic processes, including the rock cycle, plate tectonics, weather and climate patterns, and ocean currents. The course emphasizes observation, analysis, and understanding of Earth systems and their interactions, helping students develop an appreciation for the processes that shape the planet and influence life on Earth.

16019: Advanced Anatomy

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**11,12**

Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Advanced Anatomy is designed for students planning to pursue careers that require an in-depth understanding of human anatomy. The course focuses on the orientation and organization of the human body, the regulation and maintenance of body systems, and the integration and control systems that support overall function. Students will study anatomical structures and physiological processes through detailed analysis and applied learning experiences. A hands-on dissection component is included, requiring proper knowledge and safe use of dissection tools to reinforce anatomical concepts and develop practical skills relevant to health and science-related career pathways.

Prerequisites for this course include a B or higher in Biology or a C or higher in Advanced Biology.

16020: Advanced Genetics

Program	**Science**
Course Credit	**0.5 Science Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Advanced Genetics builds upon concepts introduced in Biology and is recommended for students considering careers in medical, biological, or biotechnology-related fields, or for those with a strong interest in genetics. The course includes a review of Mendelian genetics and expands into advanced topics such as population genetics, patterns of inheritance, DNA structure and function, DNA replication, protein synthesis, and gene expression. Students will also explore modern applications of genetics, including genetic engineering, cloning, stem cell research, DNA fingerprinting, pre-implantation genetic diagnostics, and genetic approaches to treating illnesses. Emphasis is placed on scientific reasoning, analysis of current research, and understanding the ethical and societal implications of genetic science.

Prerequisites for this course include a C or higher in Pre-AP Biology or a B or higher in Biology.

16021: AP Environmental Science

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP Earth Science is a rigorous, college-level course designed to engage students in the scientific principles, concepts, and methodologies needed to understand the complex interrelationships within the natural world. Students will identify and analyze

both natural and human-made environmental issues, evaluate the relative risks associated with these challenges, and examine alternative solutions for resolving or preventing environmental problems. As an interdisciplinary course, AP Earth Science integrates concepts from geology, biology, environmental science, chemistry, and geography. Emphasis is placed on critical thinking, data analysis, scientific inquiry, and evidence-based reasoning to better understand Earth systems and human impacts on the environment.

Prerequisites for this course include successful completion of a C or higher in Advanced Biology, or a B or higher in Biology. Students must also have completed Algebra I with a C or higher. Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight.

16022: Advanced Entomology

Program	**Science**
Course Credit	**0.5 Science Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Advanced Entomology is an in-depth course focused on the study of insects through hands-on investigations, classification, research, and application of scientific data. Students will examine insect anatomy, life cycles, behavior, and ecological roles while developing skills in observation, identification, and scientific documentation. A curated insect collection is a major component of the course, along with additional projects that emphasize research, analysis, and presentation of findings. This course is well suited for students interested in biological sciences, agriculture, environmental studies, or related career pathways.

16023: Marine Science

Program	**Science**
Course Credit	**1.0 Science Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Marine Science is an in-depth course focused on the study of ocean systems and marine life through hands-on investigations, research, and data analysis. Students will explore physical, chemical, and biological aspects of the marine environment, including ocean currents, marine ecosystems, biodiversity, and the interactions between organisms and their habitats. Emphasis is placed on observation, scientific inquiry, classification, and interpretation of data related to marine organisms and processes. Through projects, labs, and research-based activities, students will examine human impacts on oceans and consider conservation and sustainability efforts. This course is well-suited for students interested in biological sciences, environmental studies, oceanography, or related career pathways.

Prerequisites for the course include successful completion of Physical Science.

18021: PACE: 7th Grade Science

Program	**Special Education** **Science**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

PACE: 7th Grade Science provides specially designed instruction focused on building foundational science knowledge and inquiry skills. Students will explore basic concepts in life, physical, and earth science through hands-on activities, observation, and guided investigation.

Instruction emphasizes scientific vocabulary, cause-and-effect relationships, and applying science concepts to everyday experiences. Course content is individualized and adapted to support progress.

18022: PACE: 8th Grade Science

Program	**Special Education** **Science**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

PACE: 8th Grade Science builds upon foundational skills with an increased focus on scientific reasoning and application. Students will examine key concepts in physical science, earth science, and biology using structured experiments, models, and real-world examples.

Instruction emphasizes data collection, interpretation, and communication of scientific ideas. Course content is modified and individualized to meet student needs.

18023: PACE: 9th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 9th Grade Science introduces students to core high school science concepts with an emphasis on real-world application and functional understanding. Topics may include basic biology, earth systems, and introductory physical science concepts.

Instruction focuses on building comprehension, using scientific tools, and applying concepts to everyday life.

18024: PACE: 10th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 10th Grade Science emphasizes life science concepts such as ecosystems, human body systems, heredity, and environmental science. Students will explore how science impacts personal health, community, and the environment through structured, supported instruction.

Course content and instructional strategies support comprehension, engagement, and application.

18025: PACE: 11th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 11th Grade Science focuses on physical science concepts and their practical applications. Topics may include energy, forces, matter, and basic chemistry concepts as they relate to daily living and career awareness.

Instruction emphasizes problem solving, observation, and applying scientific principles to real-world situations. Course content is individualized to support progress toward independence and transition readiness.

18026: PACE: 12th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 12th Grade Science is designed to support transition planning and the application of science concepts to independent living and employment. Instruction emphasizes health science, environmental awareness, safety, and science-based decision making in everyday life.

Students will apply scientific understanding to topics such as personal health, workplace safety, sustainability, and community resources. Course supports successful transitions beyond high school.

Science Course Pathways

Biology (Animal Focused) Pathway

Grade	Course Code	Title	Credits
7		7th Grade Science or 7th Grade Advanced Science	
8		8th Grade Science or 8th Grade Advanced Science	
9		Biology or Pre-AP Biology	1.0
10	16009	AP Biology	1.0
11	16010	Dual Credit Crowder College Biology	1.0
12	16023	Marine Science	1.0
12	16022	Advanced Entomology	0.5
		Total Credits Needed Credits	**5**

Biology (Human Focused) Pathway

Grade	Course Code	Title	Credits
7		7th Grade Science or 7th Grade Advanced Science	
8		8th Grade Science or 8th Grade Advanced Science	
9		Biology or Pre-AP Biology	1.0
10	16009	AP Biology	1.0
11	16010	Dual Credit Crowder College Biology	1.0
12	16019	Advanced Anatomy	1.0
12	16020	Advanced Genetics	0.5
		Total Credits Needed Credits	**5**

Chemistry Pathway

Grade	Course Code	Title	Credits
7		7th Grade Science or 7th Grade Advanced Science	
8		8th Grade Science or 8th Grade Advanced Science	
9		Physical Science or Advanced Physical Science	1.0
10		Chemistry or Pre-AP Chemistry	1.0
11		AP Chemistry or AP Physics	1.0
12		AP Physics or Dual Credit Crowder College Introduction to Chemistry	1.0
		Total Credits Needed Credits	**4**

Engineering Pathway

Grade	Course Code	Title	Credits

7		7th Grade Science or 7th Grade Advanced Science	
8		8th Grade Science or 8th Grade Advanced Science	
9		Physical Science or Advanced Physical Science	1.0
10		Chemistry or AP Chemistry	1.0
11	16014	Introduction to Engineering Design-PLTW	1.0
12	16017	Principles of Engineering-PLTW	1.0
12	16016	AP Physics	1.0
		Total Credits Needed Credits	**5**

Earth Science Pathway

Grade	Course Code	Title	Credits
7		7th Grade Science or 7th Grade Advanced Science	
8		8th Grade Science or 8th Grade Advanced Science	
9		Physical Science or Advanced Physical Science	1.0
10	16023	Marine Science	1.0
11	16018	Earth Science	1.0
12	16021	AP Environmental Science	1.0
		Total Credits Needed Credits	**4**

	Total Credits	**3-5**

Social Studies and History

Social Studies and History Course Descriptions

17001: 7th Grade Social Studies

Program	**Social Studies and History**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

7th Grade Social Studies explores the complex relationships between humans and the environment, the development and interactions of cultures, and the evolution of societies across time and place. Students will examine state-building and conflict, economic systems, and social structures to better understand how historical and geographic factors shape civilizations. Emphasis is placed on critical thinking, analysis of historical sources, and making connections between past and present global issues.

17002: 7th Grade Advanced Social Studies

Program	**Social Studies and History**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

7th Grade Advanced Social Studies is a rigorous course designed for students seeking deeper analysis of historical and geographic concepts. The course emphasizes close observation, critical analysis, higher-order questioning, and evidence-based academic writing. Students will explore connections between humans and the environment, the development and interactions of cultures, state-building and conflict, economic systems, and social structures across time and place. Through inquiry-based learning and analysis of primary and secondary sources, students will strengthen their reasoning, writing, and communication skills while developing a deeper understanding of global societies.

17003: 8th Grade Social Studies

Program	**Social Studies and History**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

8th Grade Social Studies provides an in-depth examination of United States history, beginning with early colonization and continuing through the American Revolution, the foundations of government, and westward expansion. Students will analyze key events, documents, and ideas that shaped the nation's political, economic, and social development. Emphasis is placed on historical thinking, critical analysis, and understanding how early decisions and movements influenced the growth of the United States.

17004: 8th Grade Advanced Social Studies

Program	**Social Studies and History**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

8th Grade Advanced Social Studies is a rigorous course designed for students seeking a deeper and more analytical study of United States history. The course emphasizes close observation, critical analysis, higher-order questioning, and evidence-based academic writing. Students will examine key periods and themes in U.S. history, including colonization, the American Revolution, the foundations of government, and westward expansion. Through analysis of primary and secondary sources, inquiry-based learning, and structured writing, students will develop strong historical reasoning and communication skills.

17006: American History

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

History of America examines the development of the United States from the American Civil War through the Great Depression and continues with an in-depth study of the nation's political, economic, demographic, and social development from World War II to the present. Students will analyze the political, economic, and geographic growth of the nation while exploring the roles of diverse groups and individuals in shaping American society. The course emphasizes the use of social science inquiry skills to evaluate historical events, movements, and policies, with a focus on America's emergence as a postwar global superpower. Key themes include economic and military expansion, involvement in foreign conflicts to contain communism, civic activism, and shifting social and cultural norms.

17007: AP Human Geography

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**9**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**

AP Human Geography is a college-level course that examines the patterns and processes that shape human understanding, use, and organization of Earth's surface. Students will explore topics such as population and migration, culture, language, religion, political organization of space, agriculture, urban development, industrialization, and globalization. The course emphasizes

spatial thinking, analysis of geographic data, and the use of models and theories to explain human-environment interactions. Through inquiry-based investigations, data analysis, and evidence-based writing, students will develop critical thinking and analytical skills while preparing for the AP Human Geography exam.

Students are financially responsible for AP exam fees. This course is weighted only if the student completes the AP exam at the end of the semester. If a student opts not to take the AP exam, the course will hold a regular GPA weight.

17008: AP U.S. History

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP United States History is a rigorous, college-level course that examines significant events, individuals, developments, and processes in U.S. history across nine historical periods, spanning from approximately 1491 to the present. Students will develop and apply the skills used by professional historians, including analyzing primary and secondary sources, constructing and supporting historical arguments, making historical connections, and reasoning through comparison, causation, and continuity and change over time.

The course is organized around eight recurring themes that help students connect historical developments across different eras and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Emphasis is placed on critical thinking, evidence-based writing, and historical inquiry to prepare students for advanced study and the AP examination.

Students are recommended, but not required, to successfully complete American History before enrolling in the course. Students are financially responsible for AP exam fees. This course is weighted only if the student completes the AP exam at the end of the semester. If a student opts not to take the AP exam, the course will hold a regular GPA weight.

17010: Ancient World History

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Ancient World History surveys the development of early civilizations from the emergence of the first writing systems, domestication of animals, and the advent of agriculture (c. 3500 BCE) through the fall of the Roman Empire (c. 500 AD). Students will examine how geographic movement, cultural norms, and human innovation shaped early societies, with particular attention to religious beliefs, systems of government, economic and trade networks, art and architecture, and technological advancements.

The first semester focuses on the early river valley civilizations of Mesopotamia, Egypt, India, and China, as well as smaller but influential societies such as the Hebrews, Phoenicians, and Minoans. The second semester explores Ancient Greece, the Hellenistic period, and the development and expansion of the Roman Republic and Roman Empire. Through historical inquiry and analysis, students will gain an understanding of how ancient civilizations laid the foundations for the modern world.

17011: Dual Credit Crowder College US History I- 106

Program	**Social Studies and History**
Course Credit	**0.5 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Dual Credit U.S. History I 106 is an introductory college-level course that surveys the development of American culture from the Colonial Period through Reconstruction. The course emphasizes the growth and evolution of political, social, and economic institutions and examines the historical forces that shaped early American society. Students will analyze key events, movements, and ideas using primary and secondary sources while developing skills in historical inquiry, critical thinking, and evidence-based writing aligned with college expectations.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

The student should pair this course with Dual Credit Crowder College US History II to fulfill high school graduation requirements.

17012: Dual Credit Crowder College US History II

Program	**Social Studies and History**
Course Credit	**0.5 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Dual Credit U.S. History II 107 is a college-level course that surveys United States economic, social, political, and diplomatic history from Reconstruction through the late twentieth century. Students will examine major events, movements, and policies that shaped the nation's development during this period, with an emphasis on historical analysis and interpretation. The course builds skills in evaluating primary and secondary sources, understanding historical context, and applying critical thinking to better understand the forces that influenced modern American society.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

The student should pair this course with Dual Credit Crowder College US History I to fulfill high school graduation requirements.

17013: U.S Government

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

U.S. Government is an in-depth course that examines the federal and state levels of government, including the structure and functions of the three branches of the United States government. Students will study the constitutional foundations of the American political system, the principles that guide change within government, and the roles of citizens and institutions in a democratic society. The course also includes an introduction to basic economic principles and their relationship to public policy. Students are required to complete the Missouri and United States Constitution examinations, which are mandated by the state for all high school graduates.

Students will take the mandatory Government End of Course (EOC) Exam at the completion of this course.

17015: AP U.S. Government and Politics

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

AP U.S. Government and Politics is a rigorous, college-level course that provides a comprehensive study of the United States government at the federal, state, and local levels. The course is designed to help students develop a deep understanding of governmental processes, institutions, public policy, and the role of citizens in a democratic society. Students will analyze foundational documents, court cases, and contemporary political issues while developing skills in critical reading, analytical writing, and evidence-based argumentation. The course is reading- and writing-intensive both in and out of class and prepares students for active, informed citizenship.

Students will take the mandatory Government End of Course (EOC) Exam at the completion of this course. Students are financially responsible for AP exam fees. This course is a weighted course only if the student completes the AP exam at the end of the semester. If a student opts to not take the AP exam, the course will hold a regular GPA weight. This course will satisfy the graduation requirement of completing a course in Government.

17016: Dual Credit Crowder College National Government

Program	**Social Studies and History**
Course Credit	**0.5 History Credit**
Grade	**10,11,12**

Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Dual Credit National Government is a college-level course that provides an in-depth study of the structure, functions, and processes of the United States government. Students will examine the constitutional foundations of American government, the roles of the legislative, executive, and judicial branches, federalism, civil liberties and rights, and the relationship between citizens and government. Emphasis is placed on critical thinking, analysis of political systems, and informed civic participation. As part of the course requirements, students will complete the Missouri and United States Constitution examinations, which are required for all high school graduates in the state.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

17017: Dual Credit Crowder College Geography- 111

Program	**Social Studies and History**
Course Credit	**0.5 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Dual Credit Crowder College World Regional Geography 111 is a college-level course that examines the regions and nations of the world with an emphasis on how geographic factors influence life on Earth. Students will explore natural environments, human–environment interactions, and cultural patterns that shape societies across the globe. The course emphasizes spatial thinking and the relationships between physical geography and human activity, helping students better understand global connections, regional diversity, and contemporary geographic issues.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

17018: Sociology

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Sociology examines human interaction and behavior within groups through the perspectives of functionalism, conflict theory, and symbolic interactionism. Students will study both macro- and micro-level social processes to better understand how societies are structured and how individuals interact within them. Topics include social norms, institutions, sports, rules, punishment, and social deviance. Through discussion, analysis, and real-world examples, students will develop a sociological imagination that helps them understand how groups, culture, and social structures influence behavior and shape the world around them.

17019: Dual Credit Crowder College Introduction to Sociology- 101

Program	**Social Studies and History**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Introduction to Sociology 101 is a foundational course that explores how society influences individual behavior, group interactions, and social institutions. Students examine key sociological concepts, theories, and perspectives related to culture, socialization, family, education, government, religion, and the economy. The course emphasizes understanding social diversity, inequality, and the ways social structures shape opportunities and outcomes.

Through discussions, real-world examples, and basic research and analysis, students develop critical thinking and an awareness of social issues at the local, national, and global levels. This course helps students build skills in observation, analysis, and communication while preparing them for further study in sociology, social sciences, and related career pathways.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the courses through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course of college credit.

17020: Psychology

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

Psychology provides an engaging introduction to the scientific study of human behavior and mental processes. Students will explore the historical foundations of psychology as well as contemporary theories and issues related to cognition, motivation, emotion, and wellness. Emphasis is placed on the use of scientific methods and principles of research design to better understand individuals as thinking, feeling, and social beings. Topics include the foundations of psychology, research methods, brain and behavior, sensation and perception, learning and memory, language and intelligence, lifespan development, emotion and motivation, personality, social psychology, wellness, psychological disorders and treatment, and consciousness.

17021: Dual Credit Crowder College Psychology- 101

Program	**Social Studies and History**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Dual Credit Psychology 101 is an introductory college-level course that examines the scientific study of human behavior and mental processes. Students will explore the historical foundations of psychology, major theoretical perspectives, and contemporary research in the field. Emphasis is placed on understanding research methods, brain and behavior, sensation and perception, learning and memory, cognition, motivation and emotion, personality, lifespan development, social behavior, psychological disorders, and treatment approaches. This course encourages critical thinking and application of psychological concepts to real-world situations while preparing students for further study in psychology and related disciplines.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

17022: Dual Credit Crowder College Psychology-203

Program	**Social Studies and History**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

This course provides a comprehensive overview of autism, Asperger's syndrome, and related autism spectrum disorders, with an emphasis on defining characteristics, identification, educational considerations, and contemporary issues in the field of special education. Students will develop a foundational understanding of evidence-based practices for teaching and supporting individuals with autism across educational settings.

Course content includes strategies to enhance classroom functioning, promote skill acquisition, and support communication, behavior, and social development. Students will also explore current research, legal and ethical considerations, and emerging trends related to autism spectrum disorders, preparing them with a strong foundation for further study or work in education, human services, or related fields.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

17023: Dual Credit Crowder College Psychology-204

Program	**Social Studies and History**
Course Credit	**0.5 Elective Credit**

Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

This course focuses on the identification, measurement, evaluation, and modification of social and academic behaviors in special and diverse populations. Students will study the principles of applied behavior analysis (ABA) and explore theories of classroom management as they relate to effective instructional and behavioral practices.

Emphasis is placed on data-driven decision making, including observing and recording behavior, analyzing behavioral patterns, and implementing evidence-based interventions. Students will examine a variety of classroom management approaches, including the use of technological tools, and will develop both classroom-wide and individualized behavior management plans to support positive learning environments.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

17024: Dual Credit Crowder College Psychology-211

Program	**Social Studies and History**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

This course examines human development from conception through death, with a focus on physical, cognitive, and socioemotional changes across the lifespan. Students will explore major developmental theories, research findings, and key milestones that shape growth and behavior at each stage of life.

Emphasis is placed on understanding how biological, psychological, and social factors interact to influence development over time. Successful completion of this course partially fulfills Social and Behavioral Science general education requirements.

Prerequisites for this course include the successful completion of Dual Credit Crowder College Psychology-101.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

17025: World History

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

NCAA	**Yes**

World History is a required survey course that examines the major social, cultural, economic, geographic, and political developments of civilizations across Asia, Europe, Africa, the Americas, and the Middle East from the Renaissance to modern times. Students will analyze historical patterns, global interactions, and the causes and consequences of change over time to better understand how past events shape the contemporary world. Emphasis is placed on critical thinking, use of primary and secondary sources, and making connections between historical developments and present-day global issues.

This course provides students with the foundational knowledge necessary to understand their place in an increasingly interconnected world and supports state graduation requirements. Instruction aligns with Section 170.011, RSMo, including the completion requirements for the Constitution of the United States and the Constitution of the State of Missouri.

17026: AP World History: Modern

Program	**Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**2 Semesters**
NCAA	**Yes**

This course is an introductory, college-level modern world history course that examines global history from approximately 1200 CE to the present. Students cultivate their understanding of world history through the analysis of historical sources and the development of historical thinking skills, including making connections, evaluating evidence, and crafting well-supported historical arguments.

As students explore major global themes—such as humans and the environment; cultural developments and interactions; governance; economic systems; social interactions and organization; and technology and innovation—they will gain insight into patterns of continuity and change across regions and time periods. Emphasis is placed on critical reading, analytical writing, and comparative perspectives.

17027: Dual Credit Crowder College Psychology-291

Program	**Social Studies and History**
Course Credit	**0.5 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**

This course provides students with the opportunity to apply principles of applied behavior analysis (ABA) in everyday settings. Students will learn and practice ABA techniques such as implementing behavior change procedures, identifying the functions of behavior, and collecting and analyzing data to make data-informed decisions.

Course content also includes an introduction to academic, communication, and adaptive behavior assessments, with an emphasis on practical application. Students will be required to complete projects outside of class that connect course concepts to real-world situations, reinforcing the use of ABA strategies in daily life.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

18015: PACE: 7th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

PACE: 7th Grade Social Studies provides specially designed instruction focused on building foundational social studies knowledge and skills. Students will explore basic concepts related to geography, history, civics, and culture while developing skills in comprehension, discussion, and critical thinking.

Instruction emphasizes understanding maps, communities, historical events, and civic responsibilities through modified content and scaffolded instruction. Course content is individualized to support progress toward goals.

18016: PACE: 8th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

PACE: 8th Grade Social Studies builds upon foundational skills with increased emphasis on U.S. history, government, and civic responsibility. Students will examine key historical events, foundational documents, and the roles of citizens in society using adapted materials and instructional supports.

Instruction focuses on developing comprehension, discussion, and application of social studies concepts in meaningful ways.

18017: PACE: 9th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 9th Grade Social Studies introduces students to global perspectives through the study of world history, geography, and cultural awareness. Instruction emphasizes understanding historical events, geographic regions, and cultural differences while building skills in comparison, cause-and-effect reasoning, and communication.

Course content is modified and individualized to meet student needs with an emphasis on comprehension and real-world relevance.

18018: PACE: 10th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 10th Grade Social Studies focuses on American history and civic understanding with an emphasis on major historical developments, democratic principles, and the role of individuals in society. Students will explore historical events, government structures, and civic responsibilities through structured and supported instruction.

Instruction promotes engagement, understanding, and practical application of social studies concepts.

18019: PACE: 11th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 11th Grade Social Studies emphasizes civics, government, and economic principles with a focus on preparing students for informed citizenship. Topics may include rights and responsibilities, decision-making, laws, and basic economic concepts that impact daily life.

Instruction supports critical thinking, discussion, and application of concepts in real-world contexts. Course content is aligned to student goals with an emphasis on independence and postsecondary readiness.

18020: PACE: 12th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 12th Grade Social Studies is designed to support transition planning and real-world application of social studies concepts. Instruction emphasizes functional civics, financial literacy, community engagement, and understanding societal systems that affect daily living and employment.

Students will apply social studies knowledge to practical situations such as voting, employment rights, consumer responsibilities, and community participation.

Social Studies and History Course Pathways

On Grade-Level Course Pathway

Grade	Course Code	Title	Credits
7	17001	7th Grade Social Studies	
8	17003	8th Grade Social Studies	
9	17006	American History	1.0
10	17025	World History	1.0
11	17013	U.S Government	1.0
12		Additional Qualifying History Course	1.0
		Total Credits Needed Credits	**4**

Advanced Course Pathway

Grade	Course Code	Title	Credits
7	17002	7th Grade Advanced Social Studies	
8	17004	8th Grade Advanced Social Studies	
9	17007	AP Human Geography	1.0
10		Dual Credit U.S. History I and II or AP US History	1.0
11		AP US Government and Politics or Dual Crowder College National Government	1.0
12		Any additional AP or Dual Credit History courses	1.0
		Total Credits Needed Credits	**4**

AP Course Pathway

Grade	Course Code	Title	Credits
7	17002	7th Grade Advanced Social Studies	
8	17004	8th Grade Advanced Social Studies	
9	17007	AP Human Geography	1.0
10	17008	AP U.S. History	1.0
11	17015	AP U.S. Government and Politics	1.0
12		Dual Credit Crowder College Psychology and Dual Credit Crowder College Sociology	1.0
		Total Credits Needed Credits	**4**

Dual Credit Course Pathway

Grade	Course Code	Title	Credits
7	17002	7th Grade Advanced Social Studies	
8	17004	8th Grade Advanced Social Studies	
9		U.S. Government (1st Semester) and Dual Credit Government (2nd Semester)	
10		Dual Credit U.S. History I and History II	1.0
11		Dual Credit World History I and World History II	
12		Dual Credit Crowder College Psychology and Dual Credit Crowder College Sociology	1.0
		Total Credits Needed Credits	**2**

	Total Credits	**4**

Special Education

Special Education Course Descriptions

18001: Social Communication

Program	**Special Education**
Credit Type	**7th and 8th Grade Elective Credit**
Grade	**7,8**
Length	**2 Semesters**

Social Communication is a skills-based course designed to support the development of effective social interaction, communication, and critical thinking skills. Students will learn practical strategies to communicate appropriately and confidently with peers and adults across a variety of settings.

Course content includes relationship etiquette, classroom and workplace etiquette, managing authority figures and conflict, online and social media safety and etiquette, kindness and empathy, nonverbal communication skills, self-regulation, self-advocacy, public speaking, and basic budgeting skills.

18002: PACE: 7th Grade English Language Arts

Program	**Special Education** **English Language Arts**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

This course provides specially designed instruction aligned to 7th grade English Language Arts standards to support students with identified learning needs. Instruction focuses on developing reading, writing, speaking, listening, and language skills through differentiated, scaffolded, and individualized approaches.

Students will engage with a variety of texts to build comprehension, vocabulary, and critical thinking skills while practicing writing for different purposes and audiences. Emphasis is placed on foundational literacy skills, grammar and language conventions, and effective communication.

18003: PACE: 8th Grade English Language Arts

Program	**Special Education** **English Language Arts**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

This course provides specially designed instruction aligned to 8th grade English Language Arts standards to support students with identified learning needs. Instruction emphasizes reading comprehension, written expression, speaking and listening skills, and language development through differentiated, scaffolded, and individualized instruction.

Students will engage with a range of literary and informational texts to strengthen critical thinking, vocabulary, and comprehension skills while developing clear and organized writing. Instruction also focuses on grammar, language conventions, and effective communication strategies. Course content and instructional methods are tailored to support student goals, promoting academic growth, independence, and readiness for high school-level English Language Arts.

18004: PACE: English Language Arts I

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 Elective Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts I is designed to introduce students to the foundational skills of reading and writing. The course places strong emphasis on basic sentence structure, writing mechanics, vocabulary development, phonics skills, and making meaningful connections to text. Key areas of focus include phonemic awareness, matching spoken and written language, and developing comprehension through text connections.

Students will also be introduced to the fundamentals of written expression in a supportive, structured environment. Instruction is individualized and adapted to meet specific student needs, with course content modified to align with students' goals.

18005: PACE: English Language Arts II

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 Elective Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts II builds upon the foundational reading and writing skills introduced in PACE: English Language Arts I. The course continues to emphasize sentence structure, writing mechanics, vocabulary development, and phonics while increasing focus on reading comprehension and written expression. Students will strengthen their ability to make connections to text, understand meaning, and apply language skills in more complex contexts.

Instruction supports the continued development of phonemic awareness, alignment of spoken and written language, and comprehension strategies in a structured and supportive learning environment. Course content is individualized and adapted to address specific student needs, with instruction aligned to student goals.

18006: PACE: English Language Arts III

Program	**Special Education**

	English Language Arts
Course Credit	**1.0 English Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts III builds upon previously developed reading and writing skills with an increased emphasis on comprehension, communication, and functional literacy. Students will continue to strengthen sentence structure, writing mechanics, vocabulary, and phonics skills while applying these skills to more complex texts and real-world communication tasks.

Instruction focuses on improving reading comprehension, making meaningful connections to text, and expanding written expression through structured, supported activities. Students will practice expressing ideas clearly in both written and spoken formats. Course content is individualized and adapted to meet specific student needs.

18007: PACE: English Language Arts IV

Program	**Special Education** **English Language Arts**
Course Credit	**1.0 English Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: English Language Arts IV is designed to extend and refine students' reading, writing, and communication skills with an emphasis on independence, comprehension, and functional application. Students will apply previously learned literacy skills to increasingly complex texts and real-world communication tasks.

Instruction focuses on strengthening reading comprehension, written expression, vocabulary usage, and effective communication in academic and everyday contexts. Students will practice organizing ideas, responding to text, and expressing themselves clearly and appropriately. Course content is individualized and adapted to address specific student needs, with instruction aligned to students' goals.

18008: PACE Daily Living Skills

Program	**Special Education**
Course Credit	**1.0 Elective Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: Daily Living Skills is designed to foster the development of independent living skills for high school students receiving special education services. The course emphasizes practical, functional skills that support students in living as independently as possible following graduation.

Instruction focuses on real-world applications and may include topics such as self-awareness, health and self-care, social interactions, problem solving, household responsibilities, money management, career awareness, and daily living routines. The primary focus of the course is meeting, maintaining, and making progress with instruction individualized to support student growth and independence.

18009: PACE: 7th Grade Math

Program	**Special Education** **Mathematics**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

PACE: 7th Grade Math is designed to provide specially designed instruction aligned to foundational math concepts while meeting the individual needs of students receiving special education services. Instruction emphasizes number sense, basic operations, problem-solving strategies, and the practical application of mathematical concepts.

Students will engage in scaffolded learning experiences that support understanding of concepts such as fractions, decimals, ratios, basic algebraic thinking, and real-world math applications. Course content and instructional strategies are individualized and adapted to align with each student's goals, supporting academic growth and confidence in mathematics.

18010: PACE: 8th Grade Math

Program	**Special Education** **Mathematics**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

PACE: 8th Grade Math builds upon foundational math skills with an increased focus on problem solving, mathematical reasoning, and real-world application. Instruction emphasizes core concepts such as operations with rational numbers, proportional reasoning, basic equations, geometry concepts, and introductory algebraic thinking.

Students will participate in structured, differentiated instruction designed to strengthen mathematical understanding and promote independence. Course content is individualized and adapted to meet specific student needs, with instruction aligned to goals outlined, preparing students for high school-level math expectations.

18011: PACE: 9th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 9th Grade Math provides specially designed instruction aligned to foundational high school mathematics concepts while addressing individual student needs. Instruction emphasizes number sense, basic algebraic thinking, problem-solving strategies, and the practical application of math skills in real-world contexts.

Students will engage in scaffolded learning experiences focused on operations with rational numbers, introductory equations, proportions, and functional math skills. Course content and instructional strategies are individualized, supporting academic growth and confidence in mathematics.

18012: PACE: 10th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 10th Grade Math builds upon foundational math skills with an increased focus on algebraic reasoning, mathematical relationships, and applied problem solving. Instruction emphasizes equations, expressions, basic geometry concepts, data interpretation, and real-world applications of mathematics.

Students will participate in structured, differentiated instruction designed to strengthen mathematical understanding and promote independence. Course content is individualized and adapted to meet specific student needs.

18013: PACE: 11th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 11th Grade Math focuses on applying mathematical skills to functional, academic, and real-world situations. Instruction emphasizes problem solving, reasoning, and the use of mathematics in daily living, career readiness, and decision-making contexts.

Students will work with concepts such as budgeting, measurement, data analysis, basic algebraic applications, and practical geometry. Instruction is individualized with an emphasis on increasing independence and preparing students for postsecondary transitions.

18014: PACE: 12th Grade Math

Program	**Special Education** **Mathematics**
Course Credit	**1.0 Math Credit**

Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 12th Grade Math is designed to strengthen functional math skills and support students in applying mathematics to independent living and postsecondary readiness. Instruction emphasizes real-world applications such as financial literacy, personal budgeting, consumer math, measurement, and problem solving related to daily life and employment.

Course content is individualized, with a focus on maintaining skills, promoting independence, and supporting successful transition beyond high school.

18015: PACE: 7th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

PACE: 7th Grade Social Studies provides specially designed instruction focused on building foundational social studies knowledge and skills. Students will explore basic concepts related to geography, history, civics, and culture while developing skills in comprehension, discussion, and critical thinking.

Instruction emphasizes understanding maps, communities, historical events, and civic responsibilities through modified content and scaffolded instruction. Course content is individualized to support progress toward goals.

18016: PACE: 8th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

PACE: 8th Grade Social Studies builds upon foundational skills with increased emphasis on U.S. history, government, and civic responsibility. Students will examine key historical events, foundational documents, and the roles of citizens in society using adapted materials and instructional supports.

Instruction focuses on developing comprehension, discussion, and application of social studies concepts in meaningful ways.

18017: PACE: 9th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**

Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 9th Grade Social Studies introduces students to global perspectives through the study of world history, geography, and cultural awareness. Instruction emphasizes understanding historical events, geographic regions, and cultural differences while building skills in comparison, cause-and-effect reasoning, and communication.

Course content is modified and individualized to meet student needs with an emphasis on comprehension and real-world relevance.

18018: PACE: 10th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 10th Grade Social Studies focuses on American history and civic understanding with an emphasis on major historical developments, democratic principles, and the role of individuals in society. Students will explore historical events, government structures, and civic responsibilities through structured and supported instruction.

Instruction promotes engagement, understanding, and practical application of social studies concepts.

18019: PACE: 11th Grade Social Studies

Program	**Special Education** **Social Studies and History**
Course Credit	**1.0 History Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 11th Grade Social Studies emphasizes civics, government, and economic principles with a focus on preparing students for informed citizenship. Topics may include rights and responsibilities, decision-making, laws, and basic economic concepts that impact daily life.

Instruction supports critical thinking, discussion, and application of concepts in real-world contexts. Course content is aligned to student goals with an emphasis on independence and postsecondary readiness.

18020: PACE: 12th Grade Social Studies

Program	**Special Education**

	Social Studies and History
Course Credit	**1.0 History Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 12th Grade Social Studies is designed to support transition planning and real-world application of social studies concepts. Instruction emphasizes functional civics, financial literacy, community engagement, and understanding societal systems that affect daily living and employment.

Students will apply social studies knowledge to practical situations such as voting, employment rights, consumer responsibilities, and community participation.

18021: PACE: 7th Grade Science

Program	**Special Education** **Science**
Credit Type	**Grade 7 Credit**
Grade	**7**
Length	**2 Semesters**

PACE: 7th Grade Science provides specially designed instruction focused on building foundational science knowledge and inquiry skills. Students will explore basic concepts in life, physical, and earth science through hands-on activities, observation, and guided investigation.

Instruction emphasizes scientific vocabulary, cause-and-effect relationships, and applying science concepts to everyday experiences. Course content is individualized and adapted to support progress.

18022: PACE: 8th Grade Science

Program	**Special Education** **Science**
Credit Type	**Grade 8 Credit**
Grade	**8**
Length	**2 Semesters**

PACE: 8th Grade Science builds upon foundational skills with an increased focus on scientific reasoning and application. Students will examine key concepts in physical science, earth science, and biology using structured experiments, models, and real-world examples.

Instruction emphasizes data collection, interpretation, and communication of scientific ideas. Course content is modified and individualized to meet student needs.

18023: PACE: 9th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**9**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 9th Grade Science introduces students to core high school science concepts with an emphasis on real-world application and functional understanding. Topics may include basic biology, earth systems, and introductory physical science concepts.

Instruction focuses on building comprehension, using scientific tools, and applying concepts to everyday life.

18024: PACE: 10th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**10**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 10th Grade Science emphasizes life science concepts such as ecosystems, human body systems, heredity, and environmental science. Students will explore how science impacts personal health, community, and the environment through structured, supported instruction.

Course content and instructional strategies support comprehension, engagement, and application.

18025: PACE: 11th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**11**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 11th Grade Science focuses on physical science concepts and their practical applications. Topics may include energy, forces, matter, and basic chemistry concepts as they relate to daily living and career awareness.

Instruction emphasizes problem solving, observation, and applying scientific principles to real-world situations. Course content is individualized to support progress toward independence and transition readiness.

18026: PACE: 12th Grade Science

Program	**Special Education** **Science**
Course Credit	**1.0 Science Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

PACE: 12th Grade Science is designed to support transition planning and the application of science concepts to independent living and employment. Instruction emphasizes health science, environmental awareness, safety, and science-based decision making in everyday life.

Students will apply scientific understanding to topics such as personal health, workplace safety, sustainability, and community resources. Course supports successful transitions beyond high school.

Speech and Debate

Speech and Debate Course Descriptions

2003: Business Communication

Program	**Business** **Speech and Debate**
Course Credit	**0.5 Speech Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**
NCAA	**Yes**

Business Communication prepares students to communicate effectively and professionally in today's workplace. This course emphasizes the development of clear, concise, and purposeful communication skills essential for success in business, postsecondary education, and future careers.

Students will learn and practice a variety of communication formats, including professional emails, business letters, résumés, cover letters, reports, presentations, and interpersonal communication. Instruction includes both written and oral communication, with a focus on grammar, tone, organization, and clarity.

The course also covers key workplace communication concepts such as active listening, team communication, digital etiquette, customer service interactions, conflict resolution, and professional conduct. Students will participate in activities such as mock interviews, collaborative projects, and professional correspondence simulations.

By the end of the course, students will have developed strong foundational communication skills that will support them in any career field, leadership role, or postsecondary pathway.

This course can count for a practical art credit or for a speech credit.

19001: Speech and Debate

Program	**Speech and Debate**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

This course is designed to develop students' communication and critical thinking skills through structured speaking and argumentation experiences. Students will prepare and deliver a variety of speeches and actively participate in in-class debates. Emphasis is placed on effective organization of ideas, confident performance, analytical listening, and the evaluation of arguments. Students should expect frequent opportunities to speak in front of their peers as they build confidence, clarity, and persuasive communication skills.

19002: Competitive Speech and Debate

Program	**Speech and Debate**
Credit Type	**7th or 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

This course is a competitive, performance-based course designed for students who are committed to participating in junior high speech and debate tournaments outside of regular school hours. Students will develop advanced communication and critical thinking skills through the preparation and delivery of speeches and active participation in structured debates.

Instruction emphasizes effective organization of information, confident performance, analytical listening, and the construction and evaluation of arguments. Students should expect frequent speaking opportunities in front of peers and will apply classroom learning in competitive settings to strengthen skills in public speaking, persuasion, and academic discourse.

Prerequisites for this course include the successful completion of one semester of Speech and Debate.

19003: Speech

Program	**Speech and Debate**
Course Credit	**0.5 Speech Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**

This course is designed to introduce students to the foundations of communication both written and spoken. Students will study and This course introduces students to the foundations of effective communication in both written and spoken forms. Students will study and practice the processes of public speaking, writing, and research while developing skills in organizing ideas, delivering presentations, and communicating clearly and confidently.

Emphasis is placed on building confidence and reducing anxiety related to speaking in front of an audience. Students will learn practical communication techniques that can be applied in future coursework and real-world situations, supporting success in academic, professional, and personal settings.

19004: Advanced Speech

Program	**Speech and Debate**
Course Credit	**0.5 Speech Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Honors Grade Scale**
Length	**1 Semester**

This course provides an in-depth study of the public speaking and writing processes, with an emphasis on advanced research, analysis, and presentation skills. Students will apply these processes through speaking and writing projects that require higher levels of research, critical thinking, and organization.

The course is taught in a manner similar to a college-level speech course, preparing students for the expectations of postsecondary coursework. Techniques developed in this course support success in future classes, professional environments, and real-world communication situation

19005: Dual Credit Crowder College Fundamentals of Speech COMM-104

Program	**Speech and Debate**
Course Credit	**0.5 Speech Credit**
Grade	**10,11,12**
Grading Scale	**NHS AP Dual Credit Grade Scale**
Length	**1 Semester**
NCAA	**No**

Fundamentals of Speech is an introductory course focused on the principles of effective public speaking and active listening. The course is designed to build confidence in self-expression and strengthen interpersonal communication skills.

Students will prepare, organize, and deliver oral messages across a variety of real-life communication situations. Emphasis is placed on audience analysis, the listening process, and clarity of expression, providing students with practical communication skills applicable to academic, professional, and everyday contexts.

Students choosing to take the course for college credit must apply to Crowder College and enroll in the course through both Crowder College and the high school. Students are financially responsible for any course fees incurred for taking the course for college credit.

19006: Lincoln Douglas Debate I

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

ritical thinking, and analytical reasoning skills. The course provides students with hands-on experience in a competitive debate environment while strengthening public speaking abilities, logical reasoning, philosophical analysis, and research skills.

This course is both writing- and research-intensive and is recommended for college-bound students. Students are required to compete in a minimum of three tournaments during the fall semester and two tournaments during the spring semester, applying classroom instruction in formal competitive settings.

19007: Lincoln Douglas Debate II

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**10,11,12**

Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Lincoln-Douglas Debate II is an advanced course designed for students who wish to further develop their skills in competitive Lincoln-Douglas debate. The course focuses on advanced debate techniques, oratory, extemporaneous speaking, and in-depth research and analysis of four Lincoln-Douglas debate topics that will be contested during the school year at tournaments.

Students will refine argument construction, evidence evaluation, and persuasive delivery while applying these skills in competitive settings. Participation in competition is required, with students expected to compete in a minimum of four tournaments during the fall semester and three tournaments during the spring semester.

Prerequisites for this course include successful completion of Lincoln-Douglas Debate I.

19008: Lincoln Douglas Debate III

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Lincoln-Douglas Debate III is an advanced, competitive course designed for experienced debaters seeking to further refine high-level Lincoln-Douglas debate skills. The course emphasizes advanced debate strategies, oratory, extemporaneous speaking, and intensive research and analysis of four Lincoln-Douglas debate topics that will be debated throughout the school year at tournaments.

Students will continue to strengthen argument development, philosophical reasoning, evidence evaluation, and persuasive delivery through sustained competitive practice. Participation in tournaments is required, with students expected to compete in a minimum of four tournaments per semester.

Prerequisites for this course include successful completion of Lincoln Douglas Debate II.

19009: Lincoln Douglas Debate IV

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

incoln-Douglas Debate IV is an advanced, capstone-level course designed for highly experienced debaters. The course focuses on advanced Lincoln-Douglas debate techniques, oratory, extemporaneous speaking, and intensive research and analysis of four Lincoln-Douglas debate topics that will be debated throughout the school year at tournaments.

Students will refine sophisticated argumentation, philosophical analysis, and persuasive delivery while engaging in sustained competitive practice. Participation in tournaments is required, with students expected to compete in a minimum of four tournaments per semester. In addition, students will complete a major research project that demonstrates advanced mastery of research, writing, and analytical reasoning skills.

Prerequisites for this course include successful completion of Lincoln Douglas Debate III.

19010: Public Forum Debate I

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Public Forum Debate I is recommended for students interested in career fields that require strong communication, collaboration, and critical thinking skills. Throughout the school year, students will research and debate six nationally selected topics, developing the ability to analyze current issues and construct persuasive arguments.

Students will work with a partner in a team-based debate format, strengthening speaking, research, writing, and critical thinking skills. This course is both writing- and research-intensive and is recommended for college-bound students. Participation in competition is required, with students expected to compete in a minimum of three tournaments during the fall semester and two tournaments during the spring semester.

19011: Public Forum Debate II

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Public Forum Debate II builds upon foundational debate skills by further developing students' speaking abilities, logical reasoning, and research skills through sustained competitive experience. Students will engage in in-depth research and debate of six nationally selected topics throughout the school year, refining argument construction, evidence evaluation, and persuasive delivery.

This course emphasizes advanced teamwork and strategic collaboration within the Public Forum format. Participation in competition is required, with students expected to compete in a minimum of four tournaments during the fall semester and three tournaments during the spring semester.

Prerequisites for this course include successful completion of Public Forum Debate I.

19012: Public Forum Debate III

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**

Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Public Forum Debate III is an advanced, competitive course designed for experienced debaters seeking to further refine their speaking, reasoning, and research skills through sustained competition. Students will engage in in-depth research and debate of six nationally selected topics throughout the school year, strengthening advanced argumentation, strategic thinking, and persuasive communication.

This course emphasizes high-level teamwork, strategic collaboration, and competitive performance within the Public Forum debate format. Participation in tournaments is required, with students expected to compete in a minimum of four tournaments per semester.

Prerequisites for this course include successful completion of Public Forum Debate II.

19013: Public Forum Debate IV

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Public Forum Debate IV is an advanced, capstone-level course designed for highly experienced debaters. The course further develops students' speaking skills, logical reasoning, and research abilities through sustained competitive practice. Students will engage in in-depth research and debate of six nationally selected topics throughout the year, refining advanced argumentation, strategic decision-making, and persuasive communication.

This course emphasizes leadership, collaboration, and high-level competitive performance within the Public Forum debate format. Participation in tournaments is required, with students expected to compete in a minimum of four tournaments per semester. In addition, students will complete a major research project that demonstrates advanced mastery of research, analysis, and written communication skills.

Prerequisites for this course include successful completion of Public Forum Debate III.

19014: Competitive Speech

Program	**Speech and Debate**
Course Credit	**1.0 Speech Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Competitive Speech is designed for students who are members of the Speech and Debate Team and are committed to competitive performance. The course focuses on advancing speaking techniques, persuasive communication, research, and writing skills through structured practice and performance-based activities.

Students will refine delivery, audience engagement, and performance skills while developing compelling, well-researched speeches. Emphasis is placed on preparation for competitive events, critical self-evaluation, and continuous improvement in both individual and team performance settings.

Prerequisites for this course include successful completion of a debate course or competitive acting course.

Speech and Debate Course Pathways

Lincoln-Douglas Pathway

Grade	Course Code	Title	Credits
7	19001	Speech and Debate	
8	19002	Competitive Speech and Debate	
9	19006	Lincoln Douglas Debate I	1.0
10	19007	Lincoln Douglas Debate II	1.0
11	19008	Lincoln Douglas Debate III	1.0
12	19009	Lincoln Douglas Debate IV	1.0
		Total Credits Needed Credits	**4**

Public Forum Pathway

Grade	Course Code	Title	Credits
7	19001	Speech and Debate	
8	19002	Competitive Speech and Debate	
9	19010	Public Forum Debate I	1.0
10	19011	Public Forum Debate II	1.0
11	19012	Public Forum Debate III	1.0
12	19013	Public Forum Debate IV	1.0
		Total Credits Needed Credits	**4**

Competitive Speaking Pathway

Grade	Course Code	Title	Credits
7	19001	Speech and Debate	
8	19002	Competitive Speech and Debate	
9	19014	Competitive Speech	1.0
10	19014	Competitive Speech	1.0
11	19014	Competitive Speech	1.0
12	19014	Competitive Speech	1.0
		Total Credits Needed Credits	**4**

Competitive Acting Pathway

Grade	Course Code	Title	Credits
7	19001	Speech and Debate	
8	19002	Competitive Speech and Debate	
9	20006	Competitive Acting I	1.0
10	20007	Competitive Acting II	1.0
11	20008	Competitive Acting III	1.0
12	20009	Competitive Acting IV	1.0
		Total Credits Needed Credits	**4**

	Total Credits	**4-5**

Theatre Arts

Theatre Arts Course Descriptions

20001: Theatre Exploration

Program	**Theatre Arts**
Credit Type	**7th and 8th Grade Elective Credit**
Grade	**7,8**
Length	**1 Semester**

Theatre Exploration is an elective course that introduces students to the skills and disciplines needed to be successful as an actor or theatre technician. Through group activities, theatre games, memorized scene work, monologues, improvisation, and creative exploration, students will develop foundational acting techniques and performance skills.

The course also provides exposure to improvisational acting, audition etiquette, theatre history, and technical theatre. Emphasis is placed on collaboration, creativity, and self-expression, allowing students to gain a well-rounded introduction to both performance and behind-the-scenes aspects of theatre.

20002: Theatre I

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Theatre I introduces students to the fundamentals of theatre, including stage directions, theatre production roles, basic acting techniques, and theatre history. Students will learn script analysis skills and apply them as they develop foundational acting and performance techniques.

This course is designed for students who are interested in theatre and have little to no prior experience. Emphasis is placed on building confidence, collaboration, and an understanding of both onstage and backstage aspects of theatrical production.

20003: Theatre II

Program	**Theatre Arts**
Course Credit	**1.0 Elective Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Theatre II is designed for students who wish to build upon foundational theatre skills and improve standard acting techniques for both realistic and classical theatre. Students will refine their actor tools through structured warm-ups, character development exercises, and focused performance practice.

Instruction includes character analysis, script interpretation, and the performance of monologues and scenes. By the end of the course, students will have developed a complete audition package, including two contrasting monologues prepared for use in future auditions and performances.

Prerequisites
Prerequisites for this course include the successful completion of Theatre I.
Prerequisites for this course include the successful completion of Theatre I.

20004: Technical Theatre I

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Technical Theatre is a hands-on course that engages students in the tools, techniques, and processes of theatrical production. Students will assist with the construction of sets, costumes, and props for mainstage productions while gaining practical experience in backstage and production roles.

In addition to production work, students will learn to create original design concepts for theatrical productions. Through script analysis, students will develop and communicate design ideas using renderings, technical plots, and three-dimensional models, building foundational skills in scenic, costume, lighting, and prop design.

20005: Technical Theatre II

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Technical Theatre II is an advanced course designed for students seeking in-depth experience in set and costume design and theatrical production leadership. Students will take an active role in building and assembling sets for mainstage productions while further developing technical and design skills.

In addition to advanced design work, students will learn stage management principles, including how to create and maintain stage management binders. The course also emphasizes leadership and organizational skills as students explore roles such as lead designer and production management for one-act plays.

Prerequisites for this course include successful completion of Technical Theatre or Play Production.

20006: Competitive Acting I

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**9,10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Competitive Acting I focuses on the study and performance of prose, poetry, humorous, and dramatic literature, emphasizing effective oral interpretation and performance techniques for live audiences. Students will learn to analyze and present literary works through individual, duo, small group, and reader's theatre performances.

Students enrolled in this course will be members of the novice speech team and will travel with the Speech and Debate Team to tournaments throughout the year. Participation in competition is required, with students expected to compete in a minimum of three tournaments during the fall semester and two tournaments during the spring semester.

20007: Competitive Acting II

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**10,11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Competitive Acting II is an advanced course focused on the study and performance of prose, poetry, humorous, and dramatic literature. Students will refine advanced methods and techniques of oral interpretation and performance for live audiences through individual, duet, small group, and reader's theatre performances.

Students enrolled in this course will travel with the Speech and Debate Team to tournaments throughout the year and will comprise the junior varsity and varsity speech teams. Participation in competition is required, with students expected to compete in a minimum of three tournaments during the fall semester and four tournaments during the spring semester.

Prerequisites for this course include successful completion of Competitive Acting I.

20008: Competitive Acting III

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Competitive Acting III is an advanced, performance-based course focused on the study and presentation of prose, poetry, humorous, and dramatic literature. Students will continue to refine advanced techniques of oral interpretation and performance for live audiences through individual, duet, small group, and reader's theatre performances.

Students enrolled in this course will travel with the Speech and Debate Team to tournaments throughout the year and will comprise the junior varsity and varsity speech teams. Participation in competition is required, with students expected to compete in a minimum of four tournaments per semester.

Prerequisites for this course include successful completion of Competitive Acting II.

20009: Competitive Acting IV

Program	**Theatre Arts**
Course Credit	**1.0 Fine Arts Credit**
Grade	**12**
Grading Scale	**NHS Grade Scale**
Length	**2 Semesters**

Competitive Acting IV is an advanced performance course focused on the study and interpretation of prose, poetry, humorous, and dramatic literature. Students will demonstrate mastery of advanced oral interpretation and performance techniques through individual, duet, small group, and reader's theatre performances.

Students enrolled in this course will travel with the Speech and Debate Team to tournaments throughout the year and will comprise the junior varsity and varsity speech teams. Participation in competition is required, with students expected to compete in a minimum of four tournaments per semester.

Prerequisites for this course include successful completion of Competitive Acting III.

20010: Play Production (Fall)

Program	**Theatre Arts**
Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**

Play Production (Fall) is a one-semester course designed for students interested in participating in the fall mainstage production. Students will select a design or production area of interest and be assigned a specific role on the production team.

Course expectations include completing script analysis, creating production designs, and assisting with the construction and implementation of production elements. Participation in rehearsals and production meetings outside of class time is required, reflecting the collaborative and time-sensitive nature of theatrical production.

Prerequisites for this course include successful completion of Technical Theatre.

20011: Play Production (Spring)

Program	**Theatre Arts**

Course Credit	**0.5 Elective Credit**
Grade	**11,12**
Grading Scale	**NHS Grade Scale**
Length	**1 Semester**

Play Production (Spring) is a one-semester course designed for students interested in participating in the spring mainstage production. Students will select a design or production area of interest and be assigned a specific role on the production team.

Course requirements include completing script analysis, creating production designs, and assisting with the construction and implementation of production elements. Participation in rehearsals and production meetings outside of class time is required, reflecting the collaborative and time-sensitive nature of theatrical production.

Prerequisites for this course include successful completion of Technical Theatre.

Graduation Pathways

AP Course

The Advanced Placement (AP) Course Track Pathway is designed for students who are ready to challenge themselves with rigorous, college-level coursework while still in high school. By completing this pathway, students build the academic skills, confidence, and discipline needed to excel in college and beyond.

AP courses offer students the opportunity to:

- **Earn College Credit:** Many colleges and universities award credit or advanced standing to students who earn qualifying scores on AP Exams. This can help reduce the cost of college, free up time for double majors or internships, and provide a stronger start toward your chosen degree.
- **Boost Your GPA:** Students who take the AP Exam for their AP course can receive a higher weighted GPA, reflecting the increased rigor and expectations of AP-level work. This can positively impact class rank, scholarship opportunities, and college admissions.
- **Strengthen College Readiness:** AP coursework helps students develop essential skills such as critical thinking, academic writing, research, time management, and problem-solving. These are the same skills professors expect from first-year college students—and completing AP courses gives you a valuable head start.
- **Explore Academic Interests:** The AP Track allows you to explore advanced content in subjects you're passionate about, whether in STEM, humanities, social sciences, languages, or the arts. This exploration can help you clarify future college majors or career fields.

Students who complete the AP Course Track Pathway demonstrate dedication, academic readiness, and a commitment to excellence—qualities highly valued by colleges, universities, and scholarship committees. Participating in AP Exams each year ensures you receive the full benefits of the pathway, including the GPA weighting and potential college credit.

8th Grade Year

Grade	Course Code	Title	Credits
	13009	Algebra I (High School Level Course)	1.0
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	13012	Pre-AP Geometry with Statistics	1.0
	3010	Pre-AP English I	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		High School Elective	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Fine Arts Course	0.5
		Physical Education	0.5

	17007	AP Human Geography	1.0
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	13014	Pre-AP Algebra II	1.0
	17008	AP U.S. History	1.0
	16009	AP Biology	1.0
	2007	AP Personal Finance	0.5
		Physical Education	0.5
	19003	Speech	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		AP Seminar or Pre-AP English II	1.0
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3021	AP Language and Composition	1.0
	17015	AP U.S. Government and Politics	1.0
	16013	AP Chemistry	1.0
		AP Calculus or AP Statistics	1.0
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3017	AP Literature and Composition	1.0
		AP Environmental Science or AP Physics	1.0
		AP Calculus or AP Computer Science Principles	1.0
		High School Elective	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**26**

Audio/Video

The Audio/Visual Production Track Pathway is designed for students who are interested in digital storytelling, media creation, and the technical skills behind producing professional-quality audio, video, and multimedia content. By completing this pathway, students build creative, technical, and communication skills that prepare them for college programs or careers in media, broadcasting, marketing, journalism, and film.

The Audio/Visual Track offers students the opportunity to:

Develop Industry-Relevant Skills: Students learn to operate cameras, microphones, lighting equipment, editing software, and other production tools used in professional media settings. They gain hands-on experience in filming, audio engineering, scriptwriting, and post-production editing.

Create Real-World Media Projects: Throughout the pathway, students apply their skills through collaborative projects such as news segments, podcasts, short films, promotional videos, digital content for school and community partners, and live event production. These experiences help build strong portfolios for college or employment.

Strengthen Communication & Creativity: Audio/visual production promotes essential skills such as storytelling, planning, collaboration, time management, problem-solving, and creative expression. Students learn how to convey messages effectively through visual and audio media—skills highly valued in today's digital economy.

Explore Career Pathways in Media: The Audio/Visual Track allows students to explore interests in broadcasting, film, journalism, digital marketing, graphic design, and other media-related fields. This exploration helps students refine career goals and understand the wide range of opportunities available in the growing media and communications industry.

Students who complete the Audio/Visual Production Track Pathway demonstrate creativity, technical competence, and strong communication skills—qualities highly valued by colleges, employers, and scholarship committees. Participation in advanced production courses and real-world media experiences ensures students receive the full benefits of the pathway and graduate with the tools needed to pursue media-focused postsecondary opportunities.

8th Grade Year

Grade	Course Code	Title	Credits
	14001	Multimedia Exploration	

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5
	14002	Introduction to Radio and Television	1.0
		Physical Education	0.5
		Fine Arts Course	0.5

	Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
		World History	1.0
	16007	Biology	1.0
	14003	Radio and Television Technology II	1.0
		Physical Education	0.5
	2006	Personal Finance	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
		High School Elective	0.5
	13013	Algebra II	1.0
		High School Elective	0.5
	14004	Wildcat Multimedia I	1.0
		High School Elective	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5
	AV Work-Based Learning	AV Work-Based Learning	1.0
		High School Elective	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**25**

Auto Tech-Basic Engines

The Auto Tech–Basic Engines Graduation Pathway is designed for students who are interested in pursuing a hands-on, high-demand career in the automotive industry. This pathway provides a strong technical foundation in engine systems and prepares students for immediate entry into the workforce or continued study in advanced automotive programs.

Through a sequence of dual credit courses offered in partnership with Crowder College at no additional cost to students or parents, students gain real-world technical skills while earning both high school and college credit simultaneously. Successful completion of the pathway leads to a Crowder College Certificate in Auto Tech–Basic Engines, giving students a valuable industry-recognized credential before they graduate from high school.

By completing this pathway, students will:

- **Earn an Industry Credential:** Students who meet all course requirements will graduate with Crowder College's Auto Tech–Basic Engines Certificate, demonstrating proficiency in foundational engine repair, maintenance, and diagnostic procedures.
- **Develop Workforce-Ready Skills:** Coursework emphasizes hands-on training with industry-standard tools and equipment, ensuring students are prepared for entry-level employment in automotive repair shops, dealerships, service centers, and related fields.
- **Save Time and Money:** Because the dual credit courses are fully funded and free to students and families, students complete college-level coursework and earn a certificate without taking on additional expenses—significantly reducing the time and cost of pursuing further automotive training or degrees.
- **Explore Career Opportunities in the Skilled Trades:** Students gain exposure to the growing automotive service industry and build confidence in their technical abilities, helping them determine future career paths in fields such as engine repair, advanced diagnostics, or automotive engineering.

Students who complete the Auto Tech–Basic Engines Graduation Pathway leave high school with a strong academic and technical foundation, a respected college credential, and the skills needed to begin a successful career in the automotive industry.

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5
		High School Elective	0.5
		Physical Education	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0

	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Practical Arts Course	0.5
		Physical Education	0.5
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		High School Elective	0.5
		High School Elective	0.5

Auto Tech Year I

Grade	Course Code	Title	Credits
	9015	Dual Credit Crowder College AUTO-114	0.5
	9016	Dual Credit Crowder College AUTO-214	0.5
		Total Credits Needed Credits	**6**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5

Auto Tech Year II

Grade	Course Code	Title	Credits
	9017	Dual Credit Crowder College AUTO-115	0.5
	9018	Dual Credit Crowder College AUTO-215	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**24**

Behavior Technician

The Behavior Technician Track Pathway is designed for students who want to pursue a meaningful career supporting individuals with behavioral, developmental, or learning needs. Through this pathway, students complete coursework at Crowder College while still in high school and graduate with a Behavior Technician Certificate, preparing them for immediate entry into the workforce or for continued study in psychology, education, social work, or related fields.

The Behavior Technician Track offers students the opportunity to:

Earn an Industry-Recognized Credential: Students take college-level coursework through Crowder College that leads directly to a Behavior Technician Certificate. This credential qualifies students for employment in schools, clinics, healthcare settings, and community agencies, providing a strong foundation for future career and academic growth.

Gain Hands-On Experience: Coursework includes applied learning focused on understanding behavior, supporting individuals with behavioral needs, implementing intervention strategies, and working as part of a care or education team. Students develop practical skills that prepare them for real-world settings and strengthen their readiness for advanced certifications or degrees.

Develop Professional and Interpersonal Skills: Students build essential skills such as communication, empathy, observation, data collection, problem-solving, and collaboration. These skills are critical for success in behavioral health, education, and human services careers and are highly valued by employers.

Explore Career Pathways in Behavioral and Human Services: The Behavior Technician Track allows students to experience the field early and explore pathways in psychology, education, applied behavior analysis (ABA), counseling, and social work. Students who continue their studies after high school may pursue higher-level certifications, associate degrees, bachelor's degrees, or specialized credentials.

Students who complete the Behavior Technician Track Pathway demonstrate professionalism, compassion, and specialized knowledge, qualities highly valued in schools, healthcare organizations, and community service providers. Graduating with a Behavior Technician Certificate gives students a strong head start in a high-demand field and opens doors to multiple postsecondary and career opportunities.

8th Grade Year

Grade	Course Code	Title	Credits

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	4003	Child Development I	1.0
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
		World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	9001	Dual Credit Crowder College Orientation	0.5
	4004	Child Development II	1.0
	19003	Speech	0.5
	17021	Dual Credit Crowder College Psychology- 101	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	13011	Geometry	1.0
	2006	Personal Finance	0.5
	16011	Chemistry	1.0
	13009	Algebra I (High School Level Course)	1.0
	17013	U.S Government	1.0
		High School Elective	0.5
		High School Elective	0.5

Behavior Technician Year 1

Grade	Course Code	Title	Credits
	Dual Credit Crowder College EDUC-231	Dual Credit Crowder College EDUC-231	0.5
	17022	Dual Credit Crowder College Psychology-203	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
	16019	Advanced Anatomy	1.0
		Statistics or Precalculus & Trignomoetry	1.0
		High School Elective	0.5

Behavior Technician Year 2

Grade	Course Code	Title	Credits
	17023	Dual Credit Crowder College Psychology-204	0.5

	17024	Dual Credit Crowder College Psychology-211	0.5
	17027	Dual Credit Crowder College Psychology-291	0.5
		Total Credits Needed Credits	**7**

	Total Credits	**28**

Construction - Electrical

The Construction–Electrical Track Pathway is designed for students who are interested in skilled trades, hands-on problem solving, and the technical knowledge required to work in the electrical field. Through this pathway, students complete coursework at Crowder College while still in high school and graduate with a Construction–Electrical Certificate, preparing them for immediate entry into the workforce or for continued training in advanced electrical or construction programs.

The Construction–Electrical Track offers students the opportunity to:

Earn an Industry-Recognized Credential: Students take college-level coursework through Crowder College that leads directly to a Construction–Electrical Certificate. This credential prepares students for work in residential, commercial, and industrial electrical settings and provides a strong foundation for pursuing apprenticeships, advanced certifications, or postsecondary programs.

Build Technical, Hands-On Skills: Coursework focuses on electrical safety, wiring methods, circuitry, tool use, blueprint reading, and the National Electrical Code. Students gain practical experience through lab-based learning that mirrors real-world electrical environments, preparing them to apply their skills confidently on job sites.

Strengthen Employability and Problem-Solving Skills: The pathway emphasizes critical thinking, troubleshooting, precision, teamwork, and adherence to safety protocols—skills that are essential to success in the skilled trades. Students gain experience that helps them transition into apprenticeships or entry-level industry positions.

Explore High-Demand Career Opportunities: The Construction–Electrical Track introduces students to career paths in electrical technology, construction management, industrial maintenance, and related trades. Students who continue their training after high school may pursue advanced certifications, associate degrees, or apprenticeship programs with local industry partners.

Students who complete the Construction–Electrical Track Pathway demonstrate technical readiness, professionalism, and a strong work ethic, qualities highly valued by employers in the skilled trades. Graduating with a Construction–Electrical Certificate provides students with a significant head start in a high-demand career field and opens multiple pathways for future advancement in construction and electrical industries.

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**6**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	19003	Speech	0.5
		Total Credits Needed Credits	**5**

Construction - Electrical Year I

Grade	Course Code	Title	Credits
	12012	Dual Credit Crowder College AMT-111	0.5
	Dual Credit Crowder College CNS-101	Dual Credit Crowder College CNS-101	0.5
		Total Credits Needed Credits	**1**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Construction - Electrical Year II

Grade	Course Code	Title	Credits
	12011	Dual Credit Crowder College AMT-102	0.5
	12018	Dual Credit Crowder College CONS-141	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5

Construction - Electrical Year III

Grade	Course Code	Title	Credits
	12019	Dual Credit Crowder College CONS-151	0.5
	12020	Dual Credit Crowder College CONS-251	0.5
		Total Credits Needed Credits	**4**
		Total Credits	**23**

Construction Technology

The Construction Technology Track Pathway is designed for students who are interested in building, design, hands-on craftsmanship, and the technical skills required in modern construction fields. Through this pathway, students complete coursework at Crowder College while still in high school and graduate with a Construction Technology Certificate, preparing them for immediate entry into the workforce or continued training in specialized construction trades.

The Construction Technology Track offers students the opportunity to:

Earn an Industry-Recognized Credential: Students take college-level coursework through Crowder College leading to a Construction Technology Certificate. This credential prepares students for a wide range of entry-level roles in the construction industry and builds a strong foundation for apprenticeships, advanced certifications, or additional postsecondary training.

Gain Practical, Hands-On Skills: Students learn essential construction competencies such as carpentry, framing, tool operation, blueprint reading, construction safety, materials handling, and job-site workflow. Lab-based projects and real-world applications allow students to engage in meaningful, skill-building experiences that prepare them for work in residential and commercial construction.

Develop Workforce-Ready Knowledge and Abilities: The pathway emphasizes teamwork, communication, attention to detail, problem-solving, and adherence to industry safety standards. Students develop professionalism and reliability, attributes that are essential in the construction field and highly valued by employers.

Explore Career Opportunities Across the Trades: The Construction Technology Track exposes students to a broad range of construction-related careers, including carpentry, project management, and general contracting. Students who continue their studies may pursue advanced construction coursework, apprenticeship programs, or degrees in construction management and related fields.

Students who complete the Construction Technology Track Pathway demonstrate strong technical skills, a solid understanding of construction practices, and readiness for real-world work environments. Graduating with a Construction Technology Certificate provides students with a meaningful advantage in a high-demand industry and opens multiple pathways for future growth and specialization.

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5

		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**6**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	19003	Speech	0.5
		Total Credits Needed Credits	**5**

Constructional Technology Year I

Grade	Course Code	Title	Credits
	9001	Dual Credit Crowder College Orientation	0.5
	12013	Dual Credit Crowder College CONS-105	0.5
		Total Credits Needed Credits	**1**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Construction Technology Year II

Grade	Course Code	Title	Credits
	12014	Dual Credit Crowder College CONS-110	0.5
	12015	Dual Credit Crowder College CONS-116	0.5
		Total Credits Needed Credits	**6**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0

		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5

Construction Technology Year III

Grade	Course Code	Title	Credits
	12016	Dual Credit Crowder College CONS-112	0.5
		Dual Credit Crowder College CONS-131/141/150	0.5
		Total Credits Needed Credits	**5**

	Total Credits	**23**

Criminal Justice

Students will graduate with a certificate in Criminal Justice

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	9002	Criminal Justice Fundamentals	1.0
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
		High School Elective	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**6**

Criminal Justice Year I

Grade	Course Code	Title	Credits
	9001	Dual Credit Crowder College Orientation	0.5
	9004	Dual Credit Crowder College CJ-101	0.5
		Total Credits Needed Credits	**1**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Criminal Justice Year II

Grade	Course Code	Title	Credits
	17021	Dual Credit Crowder College Psychology- 101	0.5
	9005	Dual Credit Crowder College CJ-265	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0

Criminal Justice Year III

Grade	Course Code	Title	Credits
	9006	Dual Credit Crowder College CJ-200	0.5
	9007	Dual Credit Crowder College CJ-210	0.5
	17023	Dual Credit Crowder College Psychology-204	0.5
	9008	Dual Credit Crowder College CJ-280	0.5
	9009	Dual Credit Crowder College CJ-250	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**25**

Diesel Technician - Electrical I

Students will graduate with a certificate as a Diesel Technicial with a speciality in the first leve of electrical knowledge

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Physical Education	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
		High School Elective	0.5
	2006	Personal Finance	0.5
		High School Elective	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		High School Elective	0.5
		Practical Arts Course	0.5

	Practical Arts Course	0.5
	High School Elective	0.5

Diesel Technician - Electrical I Year I

Grade	Course Code	Title	Credits
	12023	Dual Credit Crowder College DIES-184	0.5
	12024	Dual Credit Crowder College DIES-204	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5

Diesel Technician - Electrical I Year II

Grade	Course Code	Title	Credits
	12025	Dual Credit Crowder College DIES-234	0.5
	12026	Dual Credit Crowder College DIES-244	0.5
		Total Credits Needed Credits	**3**

	Total Credits	**24**

Diesel Technician - Engines I

Students will graduate with a certificate as a Diesel Technicial with a speciality in the first leve of electrical knowledge

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Physical Education	0.5
		High School Elective	0.5
		Fine Arts Course	0.5

	Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
		High School Elective	0.5
	2006	Personal Finance	0.5
		High School Elective	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		High School Elective	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Diesel Technician - Engines I Year I

Grade	Course Code	Title	Credits
	12021	Dual Credit Crowder College DIES-124	0.5
	12022	Dual Credit Crowder College DIES-144	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5

Diesel Technician - Engines I Year II

Grade	Course Code	Title	Credits
	12025	Dual Credit Crowder College DIES-234	0.5
	12026	Dual Credit Crowder College DIES-244	0.5
		Total Credits Needed Credits	**3**

	Total Credits	**24**

Fast Track-U General Studies

The Fast Track U Graduation Pathway is an accelerated, college-focused program designed for highly motivated students who want to earn their associate's degree in General Studies from Crowder College by the time they graduate from high school. This pathway provides a structured, supportive environment where students complete college-level coursework that aligns with their long-term academic and career goals.

Because of the rigor and commitment required, students must apply and be accepted into the Fast Track U program. Admission decisions will consider factors such as a student's GPA, extracurricular involvement, attendance, academic readiness, and postsecondary goals to ensure they are prepared for the expectations of dual enrollment and full college course loads.

Through this pathway, students will:

- **Earn an Associate's Degree in High School:** Students who successfully complete all required courses will graduate with an Associate of Arts in General Studies from Crowder College, giving them a strong academic foundation and a significant head start on their bachelor's degree.
- **Benefit From Missouri's Core 42 Transfer Agreement:** Fast Track U courses are part of the Core 42 statewide general education transfer framework, which guarantees that approved courses will transfer seamlessly to any Missouri public college or university.
  Students planning to attend an out-of-state or private institution should contact their college or university to confirm individual transfer policies.
- **Access Special Postsecondary Opportunities:** Students may be eligible to participate in specialized postsecondary partnerships, such as 2+2 programs, that allow them to complete a bachelor's degree in an accelerated or structured format. Students should check with their desired college or university for program availability and additional details.
- **Gain College-Ready Skills:** Students will develop the academic discipline, independence, and time-management skills expected of full-time college students—skills that strengthen long-term success in higher education.
- **Experience Significant Cost Savings:** All dual credit and dual enrollment courses in the Fast Track U Pathway are provided at no additional cost to the student or family, allowing students to earn an associate degree without the expense typically associated with college tuition and textbooks.

Students who complete the Fast Track U Graduation Pathway graduate with a valuable college credential, advanced standing in their postsecondary journey, and the confidence needed to succeed in any future academic or career path.

8th Grade Year

Grade	Course Code	Title	Credits
	13009	Algebra I (High School Level Course)	1.0
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3010	Pre-AP English I	1.0
	13012	Pre-AP Geometry with Statistics	1.0
	17006	American History	1.0
	16018	Earth Science	1.0
	15001	Health	0.5
		High School Elective	1.0
		Practical Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
		AP Seminar or Pre-AP English II	1.0
	13013	Algebra II	1.0
	17025	World History	1.0
	16007	Biology	1.0
	9001	Dual Credit Crowder College Orientation	0.5
	2013	Dual Credit Crowder College Computer Applications	0.5
		High School Elective	1.0
	6009	Dual Credit Crowder College Music Appreciation	0.5
	17019	Dual Credit Crowder College Introduction to Sociology- 101	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3018	Dual Credit Crowder College English Composition I	0.5
	16010	Dual Credit Crowder College Biology	1.0
	17011	Dual Credit Crowder College US History I- 106	0.5
	13015	Dual Credit Crowder College Algebra for Calculus	0.5
	2008	Dual Credit Crowder College Personal Finance	0.5
		Practical Arts Course	0.5
		Foreign Language Course	1.0
		High School Elective	0.5
	3019	Dual Credit Crowder College English Composition II	0.5
	17012	Dual Credit Crowder College US History II	0.5
	13016	Dual Credit Crowder College Trigonometry	0.5
	15015	Dual Credit Crowder College Lifetime Wellness	0.5

	Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3022	Dual Credit Crowder College Introduction to Literature	0.5
	17016	Dual Credit Crowder College National Government	0.5
	16015	Dual Credit Crowder College Introduction to Chemistry	0.5
	14008	Dual Credit Crowder College Introduction to Public Relations and Digital Marketing	0.5
		Foreign Language Course	1.0
	3025	Dual Credit Crowder College World Literature I ENGL-222	0.5
	19005	Dual Credit Crowder College Fundamentals of Speech COMM-104	0.5
	17021	Dual Credit Crowder College Psychology- 101	0.5
	14009	Dual Credit Crowder College Introduction to Digital Media Content Creation	0.5
		Total Credits Needed Credits	**5**

	Total Credits	**27**

Finance Track

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5
	2006	Personal Finance	0.5
		Physical Education	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0

	17025	World History	1.0
	16007	Biology	1.0
	2004	Accounting I	1.0
		Physical Education	0.5
	Banking and Financial Services	Banking and Financial Services	1.0
	19003	Speech	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
		Practical Arts Course	0.5
	13013	Algebra II	1.0
		High School Elective	0.5
		Practical Arts Course	0.5
	2005	Accounting II	1.0
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
	13024	Probability and Statistics	1.0
		High School Elective	0.5
		High School Elective	0.5
	Finance Work Based Learning	Finance Work Based Learning	1.0
		Total Credits Needed Credits	**4**

	Total Credits	**25**

Geographic Information Systems

Students will graduate with a certificate in Geographic Information Systems.

Freshman Year

Grade	Course Code	Title	Credits

3007	English I	1.0
13009	Algebra I (High School Level Course)	1.0
17006	American History	1.0
16018	Earth Science	1.0
15001	Health	0.5
	High School Elective	0.5
	Fine Arts Course	0.5
	Physical Education	0.5
	High School Elective	0.5
	Fine Arts Course	0.5
	Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	9001	Dual Credit Crowder College Orientation	0.5
	2006	Personal Finance	0.5
		High School Elective	0.5
	19003	Speech	0.5
	17017	Dual Credit Crowder College Geography- 111	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3018	Dual Credit Crowder College English Composition I	0.5
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		High School Elective	0.5
		Practical Arts Course	0.5
		ENGL-102 English Composition II	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Geographic Information Systems Year 1

Grade	Course Code	Title	Credits

	Dual Credit Crowder College GIST-110	Dual Credit Crowder College GIST-110	0.5
	2016	Dual Credit Crowder College Business Ethics	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
	16023	Marine Science	1.0
	13019	Dual Credit Crowder College Elementary Statistics	0.5
		High School Elective	0.5
	13015	Dual Credit Crowder College Algebra for Calculus	0.5
		High School Elective	0.5

Geographic Information Systems Year 2

Grade	Course Code	Title	Credits
	Dual Credit Crowder College GIST-120	Dual Credit Crowder College GIST-120	0.5
	Dual Credit Crowder College GIST-130	Dual Credit Crowder College GIST-130	0.5
		Total Credits Needed Credits	**5**

	Total Credits	**26**

Grow Your Own Teacher

The Grow Your Own Teacher Graduation Pathway is designed for students who feel called to serve their community through a career in education. This pathway provides a clear, affordable, and supportive route for future teachers to earn college credit, gain classroom experience, and build strong connections within Neosho School District, beginning while they are still in high school.

Students in this pathway will complete a combination of dual credit and dual enrollment courses through Crowder College, with two degree options depending on career goals:

- **Associate of Arts in Elementary Education** — completed during high school
- **61 hours of content and education coursework** — for students pursuing secondary or special education

Entry into Grow Your Own Teacher requires an application and acceptance into the program to ensure students are prepared for the academic rigor and long-term commitment associated with becoming a licensed educator.

Pathway Outcomes and Benefits

- **Earn Your Associate's Degree or Foundational Coursework in High School:**
  Students pursuing elementary education will graduate from high school with an Associate of Arts in Elementary Education

from Crowder College.
Students pursuing secondary or special education will complete 61 credit hours aligned to both education foundations and their chosen content area.

- **Low-Cost to No-Cost Opportunities:**
  Students completing the elementary education associate's degree incur no additional cost for tuition or textbooks while in high school.
  Students in secondary education pathways may have minimal costs depending on content-area course availability and structure.
- **Seamless Transfer Through MSSU's 2+2 Agreement:**
  Elementary education graduates automatically enter the Missouri Southern State University (MSSU) 2+2 program, allowing them to complete their bachelor's degree on MSSU's campus or online.
  These students are also eligible for MSSU transfer scholarships, further reducing the cost of completing their degree.
- **Immediate Employment Opportunities:**
  Students who earn their associate's degree in the Grow Your Own Teacher Pathway are eligible for immediate employment as paraprofessionals at Neosho School District while completing their bachelor's degree remotely through MSSU. This provides valuable classroom experience and income while continuing their education.
- **A Hiring Incentive for Returning Wildcats:**
  Students who return to Neosho School District as certified teachers after completing their bachelor's degree and who participated in Grow Your Own during high school are eligible for a $5,000 signing bonus after three years of full-time classroom service.
- **A Pathway Built for Community Impact:**
  Students gain real-world experience working with teachers, supporting younger learners, and practicing leadership skills essential for classroom success. The pathway helps ensure that future educators understand and value the needs of the Neosho community.

Students who complete the Grow Your Own Teacher Graduation Pathway leave high school with significant progress toward a teaching degree, valuable hands-on experience, and a direct route to employment and long-term career success within Neosho School District.

8th Grade Year

Grade	Course Code	Title	Credits
	13009	Algebra I (High School Level Course)	1.0
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13011	Geometry	1.0
	17013	U.S Government	1.0
	16018	Earth Science	1.0
	15001	Health	0.5
	4003	Child Development I	1.0
		Practical Arts Course	0.5
		Physical Education	0.5
	2006	Personal Finance	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13013	Algebra II	1.0
	17025	World History	1.0
	16007	Biology	1.0
	9001	Dual Credit Crowder College Orientation	0.5
	Dual Credit Crowder College Foundation (Education Course)	Dual Credit Crowder College Foundation (Education Course)	0.5
	4004	Child Development II	1.0
	Dual Credit Crowder College Health and Safety	Dual Credit Crowder College Health and Safety	0.5
	6009	Dual Credit Crowder College Music Appreciation	0.5
	17019	Dual Credit Crowder College Introduction to Sociology- 101	0.5
		Total Credits Needed Credits	**8**

Junior Year

Grade	Course Code	Title	Credits
	3018	Dual Credit Crowder College English Composition I	0.5
	16010	Dual Credit Crowder College Biology	1.0
	17011	Dual Credit Crowder College US History I- 106	0.5
	13015	Dual Credit Crowder College Algebra for Calculus	0.5
	5017	Dual Credit Crowder College Art Appreciation	0.5
		Practical Arts Course	0.5
		Foreign Language Course	1.0
		High School Elective	0.5
	17012	Dual Credit Crowder College US History II	0.5
	17021	Dual Credit Crowder College Psychology- 101	0.5
	15015	Dual Credit Crowder College Lifetime Wellness	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3022	Dual Credit Crowder College Introduction to Literature	0.5
	Dual Credit Crowder College Curriculum (Education Course)	Dual Credit Crowder College Curriculum (Education Course)	0.5
	16015	Dual Credit Crowder College Introduction to Chemistry	0.5

Dual Credit Crowder College Educational Technology (Education Course)	Dual Credit Crowder College Educational Technology (Education Course)	0.5
	Foreign Language Course	1.0
3023	Dual Credit Crowder College Technical Writing	0.5
19005	Dual Credit Crowder College Fundamentals of Speech COMM-104	0.5
Dual Credit Crowder College Exceptional Learners (Education Course)	Dual Credit Crowder College Exceptional Learners (Education Course)	0.5
Dual Credit Crowder College Teaching Profession (Education Course)	Dual Credit Crowder College Teaching Profession (Education Course)	0.5
Education Work Based Learning	Education Work Based Learning	1.0
	Total Credits Needed Credits	**6**

	Total Credits	**29**

HVAC Technician

Students will graduate with a certificate for HVAC Technician with an emphasis in Electrical Systems and be part of Skills USA.

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	Introduction to Building Maintenance	Introduction to Building Maintenance	1.0
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0

13011	Geometry	1.0
17025	World History	1.0
16007	Biology	1.0
	Physical Education	0.5
19003	Speech	0.5

HVAC Technician Year I

Grade	Course Code	Title	Credits
	9001	Dual Credit Crowder College Orientation	0.5
	12012	Dual Credit Crowder College AMT-111	0.5
		Total Credits Needed Credits	**6**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

HVAC Technician Year II

Grade	Course Code	Title	Credits
	12018	Dual Credit Crowder College CONS-141	0.5
	12037	Dual Credit Crowder College HVAC-105	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
	12041	HVAC Technician Work Based Learning	1.0

HVAC Technician Year III

Grade	Course Code	Title	Credits
	12038	Dual Credit Crowder College HVAC-120	0.5
	12040	Dual Credit Crowder College HVAC-130	0.5

	12039	Dual Credit Crowder College HVAC-115	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**24**

NEWCaps Business

8th Grade Year

Grade	Course Code	Title	Credits
	13009	Algebra I (High School Level Course)	1.0
	2001	Business Exploration	
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13011	Geometry	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5
	2002	Introduction to Business	1.0
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13013	Algebra II	1.0
	17025	World History	1.0
	16007	Biology	1.0
	2003	Business Communication	0.5
	2006	Personal Finance	0.5
		Physical Education	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
		Statistics or Precalculus & Trignomoetry	1.0
		Additional Business Elective	0.5
	19003	Speech	0.5
		Additional Business Elective	0.5
		High School Elective	0.5
		High School Elective	0.5

Business Year I

Grade	Course Code	Title	Credits
	2013	Dual Credit Crowder College Computer Applications	0.5
	2017	Dual Credit Crowder College Business Law	1.0
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5
	2028	Business Work Based Learning	1.0

Business Year II

Grade	Course Code	Title	Credits
	2021	Dual Credit Crowder College Principles of Management	0.5
	2016	Dual Credit Crowder College Business Ethics	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**26**

NEWCaps Marketing

8th Grade Year

Grade	Course Code	Title	Credits
	2001	Business Exploration	
	13009	Algebra I (High School Level Course)	1.0
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13011	Geometry	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	2019	Graphic Arts I	1.0
		Physical Education	0.5
		High School Elective	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13013	Algebra II	1.0
	17025	World History	1.0
	16007	Biology	1.0
	2020	Graphic Arts II	1.0
	19003	Speech	0.5
	2026	Marketing Research	1.0
		Physical Education	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
		Algebra III/Precalculus	1.0
		Additional Marketing Course	1.0
	2018	Leadership in the Workplace	1.0

Marketing Year I

Grade	Course Code	Title	Credits
	14008	Dual Credit Crowder College Introduction to Public Relations and Digital Marketing	0.5
	2014	Dual Credit Crowder College Introduction to Graphics Software	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
	2028	Marketing Work Based Learning	1.0
		High School Elective	0.5

Marketing Year II

Grade	Course Code	Title	Credits
	14010	Dual Credit Crowder College Social Media Strategies	0.5
	2015	Dual Credit Crowder College Applied Graphic Design and Media Campaign Strategies	0.5
		Total Credits Needed Credits	**4**
		Total Credits	**26**

NEWCaps Medical

The NEWCaps Medical Track Graduation Pathway is designed for students who are passionate about healthcare and want to explore multiple medical careers while gaining real-world experience. This pathway provides students with advanced coursework, hands-on clinical exposure, and a strong foundation for future healthcare studies or workforce entry.

Because of the rigor and professional expectations, students must apply and interview with a selection committee to be considered for the program. Seats are limited, and acceptance is based on academic readiness, professionalism, and interest in pursuing a healthcare-related career.

Before entering the NEWCaps Medical Track, students are required to successfully complete the following dual credit prerequisites:

- Medical Terminology
- Psychology

These courses provide essential background knowledge and ensure that students begin the program prepared for advanced medical content and clinical experiences.

Pathway Learning Experiences and Outcomes

Students in the NEWCaps Medical Track take an exploratory approach to understanding the diverse and expanding world of healthcare. Throughout the program, students will engage in learning across multiple fields, including:

- Pharmacology – understanding medications, dosage calculations, and safe administration concepts
- Psychology and Behavioral Health – learning how mental health intersects with patient care
- Social Impacts and Community Health – examining how culture, equity, and community dynamics influence health outcomes
- Phlebotomy Training – practicing blood draw techniques, safety protocols, and patient communication

Upon successful completion of the program, students will earn a phlebotomy license, giving them an industry-recognized credential that provides immediate employment opportunities in hospitals, clinics, and laboratories.

Real-World Experience Through Healthcare Partnerships

Students will participate in:

- Clinical shadowing across multiple healthcare settings
- Job-site visits where they observe various medical roles
- Internships and community-partnered projects that support local health needs

These experiences allow students to make informed decisions about future career paths, build confidence, and develop the professional skills needed in patient-centered environments.

Transportation Requirements

Students in the NEWCaps Medical Track must have reliable transportation to:

- Crowder College for coursework
- Partner healthcare facilities for shadowing
- Internship sites or community-based projects

Because the program involves movement across multiple locations, students and families should plan for transportation needs throughout the year.

Students who complete the NEWCaps Medical Track Graduation Pathway will graduate high school with clinical experience, advanced medical knowledge, and an industry credential that provides immediate workforce entry—all while building a strong foundation for future college programs in nursing, allied health, behavioral health, and other medical fields.

8th Grade Year

Grade	Course Code	Title	Credits
	13009	Algebra I (High School Level Course)	1.0
	86030	Healthcare Explorations	
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13011	Geometry	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Fine Arts Course	0.5
		Fine Arts Course	0.5
		Physical Education	0.5
		Total Credits Needed Credits	**6**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13013	Algebra II	1.0

17025	World History	1.0
16007	Biology	1.0
19003	Speech	0.5
Dual Credit Crowder College Medical Terminology	Dual Credit Crowder College Medical Terminology	0.5
Health Science I	Health Science I	1.0
17020	Psychology	1.0
	Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
		Physical Education	0.5
	Health Science II	Health Science II	0.5
	13018	Trigonometry	0.5
	2006	Personal Finance	0.5
		High School Elective	0.5
		High School Elective	0.5

Healthcare Year I

Grade	Course Code	Title	Credits
	17019	Dual Credit Crowder College Introduction to Sociology- 101	0.5
	Dual Credit Crowder College Basic Pharmacology	Dual Credit Crowder College Basic Pharmacology	0.5
		Total Credits Needed Credits	**6**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
	16019	Advanced Anatomy	1.0
	Health Care Workbased Learning	Health Care Workbased Learning	1.0

Healthcare Year II

Grade	Course Code	Title	Credits
	Dual Credit Crowder College Community Health	Dual Credit Crowder College Community Health	0.5

	Dual Credit Crowder College Phlebotomy Techniques	Dual Credit Crowder College Phlebotomy Techniques	0.5
		Total Credits Needed Credits	**4**
		Total Credits	**24**

Patient Care Technician

Students will graduate with a certificate as a Patient Care Technician

8th Grade Year

Grade	Course Code	Title	Credits
	86030	Healthcare Explorations	

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	4011	Nutrition and Wellness	0.5
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	4003	Child Development I	1.0
	2006	Personal Finance	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	13013	Algebra II	1.0
	4004	Child Development II	1.0
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5
		High School Elective	0.5

Patient Care Technician Year I

Grade	Course Code	Title	Credits
	Dual Credit Crowder College Phlebotomy Techniques	Dual Credit Crowder College Phlebotomy Techniques	0.5
	9011	Dual Credit Crowder College ALH-107	0.5
		Total Credits Needed Credits	**6**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
	16019	Advanced Anatomy	1.0
		Statistics or Precalculus & Trignomoetry	1.0
		High School Elective	0.5

Patient Care Technician Year II

Grade	Course Code	Title	Credits
	9012	Dual Credit Crowder College CNA-101	0.5
	9013	Dual Credit Crowder College CNA-105	0.5
	9014	Dual Credit Crowder College ALH-110	0.5
		Total Credits Needed Credits	**4**
		Total Credits	**24**

Performing Arts

The Performing Arts Track Pathway is designed for students who are passionate about creative expression, live performance, and developing their artistic talents across multiple disciplines. This pathway offers students the opportunity to grow as performers,

communicators, and collaborators through coursework and experiences in band, choir, theatre, dance, debate, and competitive speaking. Students may specialize in one area or explore multiple forms of performance as they build confidence and refine their craft.

The Performing Arts Track offers students the opportunity to:

Develop Artistic and Technical Skills: Students receive instruction in instrumental and vocal performance, acting, choreography, stagecraft, directing, improvisation, public speaking, argumentative structure, and oral interpretation. They learn foundational concepts in music theory, character development, movement, rhetoric, and performance design while using industry-standard equipment and performance environments.

Participate in Live Performances, Productions, and Competitions: Through concerts, theatrical productions, dance showcases, speech and debate tournaments, community performances, and statewide competitions, students gain meaningful experience presenting to audiences and judges. These opportunities build stage presence, articulation, critical thinking, and the ability to perform under pressure.

Strengthen Creativity, Communication, and Leadership: The performing arts foster essential skills such as teamwork, discipline, creative problem-solving, time management, and expressive communication. Students in debate and competitive speaking additionally develop strong persuasive communication, argument analysis, research, and listening skills, abilities that transfer to any college or career field.

Explore Career and College Opportunities: The Performing Arts Track introduces students to a wide range of careers in music performance, theatre, dance, education, directing, technical production, choreography, arts administration, law, public relations, broadcasting, and communication fields. Students may continue into college performing arts programs, conservatories, communication or political science programs, internships, or community-based performance opportunities.

Students who complete the Performing Arts Track Pathway demonstrate creativity, confidence, collaboration, and strong communication skills, qualities highly valued by colleges, scholarship committees, and employers. Participation in advanced coursework, performances, and competitions ensures students receive the full benefits of the pathway and graduate prepared for artistic, academic, or professional opportunities in the performing arts and communication fields.

8th Grade Year

Grade	Course Code	Title	Credits
		Performing Arts Course	1.0
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Performing Arts Course	1.0
		Physical Education	0.5
		High School Elective	0.5

		High School Elective	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
	2006	Personal Finance	0.5
		Physical Education	0.5
		Performing Arts Course	1.0
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
		Practical Arts Course	0.5
	13013	Algebra II	1.0
		High School Elective	0.5
		Performing Arts Course	1.0
		Practical Arts Course	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		Performing Arts Course	1.0
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**4**

	Total Credits	**26**

Spanish

The Spanish Track Pathway is designed for students who want to develop strong language proficiency, cultural understanding, and communication skills that prepare them for college, careers, and real-world global engagement. Through this pathway, students take advanced Spanish coursework, including dual credit and dual enrollment options, with the opportunity to graduate high school having earned a Spanish Certificate from Crowder College.

The Spanish Track offers students the opportunity to:

Earn an Industry-Recognized Language Certificate: Students who complete the required college-level coursework through Crowder College can earn a Spanish Certificate before high school graduation. This credential demonstrates advanced language proficiency and provides a strong advantage for college admissions, scholarships, and future employment.

Develop Strong Communication and Literacy Skills: Students build proficiency in reading, writing, speaking, and listening in Spanish. Coursework emphasizes grammar, vocabulary development, conversational fluency, and written communication. These skills support success in college-level language study and enhance students' ability to communicate confidently in academic and professional settings.

Gain Cultural Knowledge and Global Competence: The pathway includes learning about the history, traditions, and contemporary cultures of Spanish-speaking countries. Students explore global perspectives, cross-cultural communication, and the value of bilingualism in today's interconnected world. Cultural competence supports success in diverse workplaces and international fields.

Prepare for a Wide Range of College and Career Opportunities: Students in the Spanish Track build language and cultural skills that prepare them for future pathways in education, translation and interpretation, international business, healthcare, law, hospitality, social services, government, public relations, and more. Bilingual professionals are in high demand across many sectors, and students who continue their studies may pursue advanced certificates, associate and bachelor's degrees, or specialized language careers.

Students who complete the Spanish Track Pathway demonstrate strong communication skills, cultural awareness, and academic commitment, qualities highly valued by colleges, scholarship committees, and employers. Earning a Spanish Certificate from Crowder College provides students with a competitive advantage and a meaningful head start on future academic and career opportunities.

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Physical Education	0.5
		High School Elective	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
	8004	Dual Credit Crowder College SPAN-101	0.5
	9001	Dual Credit Crowder College Orientation	0.5
	2006	Personal Finance	0.5
		High School Elective	0.5
	19003	Speech	0.5
	8005	Dual Credit Crowder College SPAN-102	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		High School Elective	0.5
	8006	Dual Credit Crowder College SPAN-201	0.5
		Practical Arts Course	0.5
	8007	Dual Credit Crowder College SPAN-202	0.5
	17013	U.S Government	1.0
		Practical Arts Course	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**8**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5
	8008	Dual Credit Crowder College SPAN-105	0.5
		High School Elective	0.5
		High School Elective	0.5
		High School Elective	0.5

	High School Elective	0.5
	High School Elective	0.5
	Total Credits Needed Credits	**6**

	Total Credits	**28**

Visual Arts

The Visual Arts Track Pathway is designed for students who are passionate about creative expression, design, and developing their artistic skills through a variety of media. This pathway allows students to explore foundational and advanced techniques in drawing, painting, sculpture, ceramics, digital art, photography, and design. Students build strong artistic habits, creative problem-solving abilities, and a portfolio that can support future college or career opportunities in the arts.

The Visual Arts Track offers students the opportunity to:

Develop Artistic and Technical Skills: Students receive instruction in fundamental and advanced art techniques, including composition, color theory, perspective, digital illustration, mixed media, and 3D design. They learn to work with a range of materials and tools while strengthening craftsmanship and creative thinking.

Engage in Hands-On Creative Projects: Through studio-based coursework, students produce original artwork across multiple mediums and styles. These projects allow students to refine their artistic voice, experiment with new methods, and build a portfolio that reflects growth and versatility, important for scholarships, college admissions, and professional opportunities.

Strengthen Critical Thinking and Design Abilities: The pathway emphasizes visual communication, creative problem-solving, artistic critique, aesthetic awareness, and the design process. Students learn to analyze artwork, articulate their ideas, and respond constructively to feedback, skills that transfer to many academic and career fields.

Prepare for a Wide Range of College and Career Opportunities: Students in the Visual Arts Track develop foundational skills for careers in graphic design, illustration, animation, architecture, interior design, photography, studio art, art education, marketing, and other creative fields. Students who continue their studies may pursue advanced coursework, associate or bachelor's degrees in fine or applied arts, or specialized training in design and creative industries.

Students who complete the Visual Arts Track Pathway demonstrate creativity, discipline, and strong visual communication skills, qualities highly valued by colleges, scholarship committees, and employers. Through advanced coursework and a robust portfolio, students graduate with the preparation needed to pursue artistic, academic, or professional opportunities in the visual arts.

8th Grade Year

Grade	Course Code	Title	Credits
		Visual Arts	0.5
		Visual Arts	0.5
		Total Credits Needed Credits	**1**

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0

	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
		Visual Arts	0.5
		High School Elective	0.5
		Physical Education	0.5
		Visual Arts	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
		Visual Arts	0.5
	2006	Personal Finance	0.5
		Visual Arts	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		Visual Arts	0.5
		High School Elective	0.5
		Practical Arts Course	0.5
		Visual Arts	0.5
		High School Elective	0.5
		Practical Arts Course	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits

3020	English IV	1.0
5017	Senior Capstone	1.0
	High School Elective	0.5
	High School Elective	0.5
	Total Credits Needed Credits	**3**

	Total Credits	**25**

Welding (Pipe and Plate)

Students will graduate with a certificate in Plate Welding.

8th Grade Year

Grade	Course Code	Title	Credits
	12003	Manufacturing Exploration	

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	12005	Introduction to Manufacturing	1.0
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	9001	Dual Credit Crowder College Orientation	0.5
	12027	Welding I	1.0
	12028	Dual Credit Crowder College WELD-117	0.5
	12033	Dual Credit Crowder College DRFT-101	0.5

	Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
	19003	Speech	0.5

Welding (Plate and Pipe) Year I

Grade	Course Code	Title	Credits
	12034	Dual Credit Crowder College WELD-136	0.5
	12029	Dual Credit Crowder College WELD-160	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5

Welding (Plate and Pipe) Year II

Grade	Course Code	Title	Credits
	12030	Dual Credit Crowder College WELD-165	0.5
	12035	Dual Credit Crowder College WELD-285	0.5
	12036	Dual Credit Crowder College WELD-280	0.5
		Total Credits Needed Credits	**3**

	Total Credits	**24**

Welding (Pipe)

Students will graduate with a certificate in Plate Welding.

8th Grade Year

Grade	Course Code	Title	Credits
	12003	Manufacturing Exploration	

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	12005	Introduction to Manufacturing	1.0
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5
		Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	9001	Dual Credit Crowder College Orientation	0.5
	12027	Welding I	1.0
	19003	Speech	0.5
	12028	Dual Credit Crowder College WELD-117	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
	2006	Personal Finance	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Welding (Plate) Year I

Grade	Course Code	Title	Credits
	12029	Dual Credit Crowder College WELD-160	0.5
	12031	Dual Credit Crowder College WELD-270	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5

Welding (Plate) Year II

Grade	Course Code	Title	Credits
	12030	Dual Credit Crowder College WELD-165	0.5
	12032	Dual Credit Crowder College WELD-275	0.5
		Total Credits Needed Credits	**3**

	Total Credits	**24**

Welding (Plate)

Students will graduate with a certificate in Plate Welding.

8th Grade Year

Grade	Course Code	Title	Credits
	12003	Manufacturing Exploration	

Freshman Year

Grade	Course Code	Title	Credits
	3007	English I	1.0
	13009	Algebra I (High School Level Course)	1.0
	17006	American History	1.0
	16005	Physical Science	1.0
	15001	Health	0.5
	12005	Introduction to Manufacturing	1.0
		Fine Arts Course	0.5
		Physical Education	0.5
		Fine Arts Course	0.5

	Total Credits Needed Credits	**7**

Sophomore Year

Grade	Course Code	Title	Credits
	3011	English II	1.0
	13011	Geometry	1.0
	17025	World History	1.0
	16007	Biology	1.0
		Physical Education	0.5
	12027	Welding I	1.0
	2006	Personal Finance	0.5
	19003	Speech	0.5
		High School Elective	0.5
		Total Credits Needed Credits	**7**

Junior Year

Grade	Course Code	Title	Credits
	3016	English III	1.0
	17013	U.S Government	1.0
	16011	Chemistry	1.0
	13013	Algebra II	1.0
		High School Elective	0.5
		High School Elective	0.5
		Practical Arts Course	0.5
		Practical Arts Course	0.5
		High School Elective	0.5

Welding (Plate) Year I

Grade	Course Code	Title	Credits
	12028	Dual Credit Crowder College WELD-117	0.5
		Total Credits Needed Credits	**7**

Senior Year

Grade	Course Code	Title	Credits
	3020	English IV	1.0
		High School Elective	0.5
		High School Elective	0.5

Welding (Plate) Year II

Grade	Course Code	Title	Credits
	12029	Dual Credit Crowder College WELD-160	0.5
	12030	Dual Credit Crowder College WELD-165	0.5
		Total Credits Needed Credits	**3**

	Total Credits	**24**