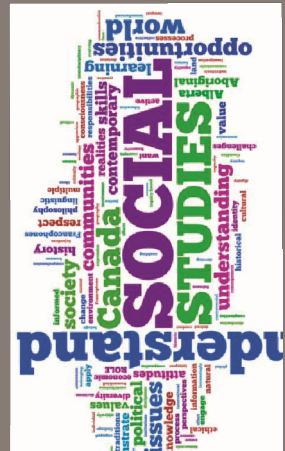
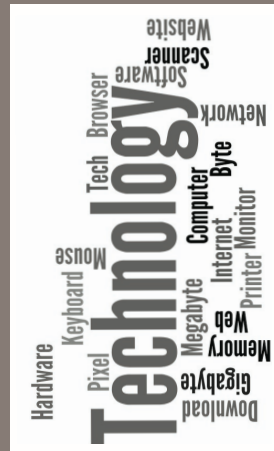
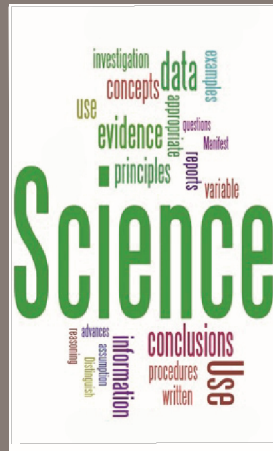


2024 Course Catalog 2025



Cochrane-Fountain City
High School



Growing ~ Discovering ~ Learning
Experiencing ~ Sharing

**COCHRANE-FOUNTAIN CITY HIGH SCHOOL
COURSE OFFERINGS
2024-2025**

CORE REQUIRED/ELECTIVE (15 credits)

(Page 1) LANGUAGE ARTS (4 credits required)

10 Language Arts 9	1	Required	09
11 Language Arts 10	1	Required	10
12 Language Arts 11	1	Required	11
13 Senior English	1	Required or	12
14 AP Literature and Composition	1	Required	12

(Page 2) MATH (3 credits required)

21 Algebra I	1	Required	09
22 Geometry	1	Required	09-10
23 Algebra II	1	Required or	10-11
24 Applied Math	1	Required	11-12
25 Pre-Calculus	1	Elective	11-12

(Page 3) SCIENCE (3 credits required)

31 Physical Science	1	Required	09
32 Biology	1	Required	10
33 Engineering and Science Research	.5	Elective	10-12
34 Environmental Science	.5	Elective	10-12
35 College Prep Chemistry	1	Elective	11-12
36 AP Physics	1	Elective	12
69 *Horticulture Science	.5	Elective	09-12
108 *Food Science	.5	Elective	10-12

(Page 4-5) SOCIAL STUDIES (3 credits required)

40 Exploring Economics	.5	Required	12
41 Early U.S. History	1	Required	09
42 Modern U.S. History	1	Required	10
43 U.S. Government	.5	Required	11
46 <i>History vs Hollywood (offered '25-'26)</i>	.5	<i>Elective</i>	<i>10-12</i>
47 Sociology	.5	Elective	10-12
48 Contemporary World Issues	.5	Elective	10-12
54 <i>Street Law (offered '25-'26)</i>	.5	<i>Elective</i>	<i>10-12</i>
155 Psychology	.5	Elective	11-12
156 Ancient World History	.5	Elective	10-12
157 <i>Modern World History (offered '25-'26)</i>	.5	<i>Elective</i>	<i>10-12</i>

(Page 6) PHYSICAL EDUCATION/HEALTH (1.5 Phy Ed required; .5 Health required)

55 Physical Education	.5	Required	09-12
56 Fitness & Conditioning	.5	Elective	10-12
58 Health Issues	.5	Required	10-12
59 Medical Terminology	.5	Elective	11-12

ELECTIVE (9 credits)

(Page 7) AGRICULTURE/NATURAL RESOURCES

61 Introduction to Agriculture	1	Elective	09-12
62 The Great Outdoors	.5	Elective	10-12
63 Animal Science^	.5	Elective	10-12
64 Ag Food Production/Processing	.5	Elective	11-12
65 Agricultural Leadership	.5	Elective	11-12
66 Agribusiness Management	.5	Elective	12
67 Wildlife Management	.5	Elective	09-12
69 Horticulture Science*	.5	Elective	10-12

^Course offers transcribed college credit through Western Technical College

*These semester classes taken and passed successfully can count towards the third credit of Science.

(Page 8-9) TECHNOLOGY

70 Introduction to Metals	.5	Elective	09-12
73 Computer Aided Design	.5	Elective	09-12
74 Woodworking	.5	Elective	09-12
75 Robotics	.5	Elective	09-12
76 Carpentry & Construction	.5	Elective	10-12
77 Small Engine Repair	.5	Elective	09-12
78 Metals Fabrication	.5	Elective	10-12
79 Manufacturing	.5	Elective	11-12
80 Home Care and Repair	.5	Elective	11-12

(Page 9) ART

85 Drawing & Painting	.5	Elective	09-12
86 Three-Dimensional Art	.5	Elective	09-12
87 Advanced Art I	.5	Elective	10-12
88 Advanced Art II	.5	Elective	10-12
89 Art Portfolio	.5	Elective	11-12

(Page 10) BUSINESS AND INFORMATION TECHNOLOGY

90 Intro to Business	.5	Elective	09-12
91 Business Computer Apps	.5	Elective	09-12
95 Accounting	.5	Elective	11-12
99 Principles of Marketing	.5	Elective	09-12
107 Personal Finance	.5	Elective	11-12
126 Publication Design-Yearbook	.5	Elective	11-12

(Page 11) FAMILY AND CONSUMER EDUCATION

101 Clothing and Crafts	.5	Elective	09-12
102 Intro to Foods	.5	Elective	09-12
103 Advanced Food Prep	.5	Elective	10-12

105 Interior Design and Housing	.5	Elective	11-12
106 Child Development and Parenting	.5	Elective	11-12
108 Food Science*	.5	Elective	10-12

*These semester classes taken and passed successfully can count towards the third credit of Science.

(Page 12) WORLD LANGUAGE

115 Spanish I	1	Elective	09-12
116 Spanish II	1	Elective	10-12
117 Spanish III	1	Elective	11-12
118 Spanish IV	1	Elective	12

(Page 12) MUSIC

121 Concert Band	1	Elective	09-12
122 Choir	1	Elective	09-12
123 Band/Choir Combo	1	Elective	09-12

(Page 13) COLLEGE CREDIT AND DUAL CREDIT OPTIONS

- Early College Credit Program
- Start College Now
- PSEO / Minnesota State College Southeast

(Page 13) EDUCATION

130 Elementary Classroom Assistant	.5	Elective	11-12
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Note: Placement in these assistant positions is dependent on availability of the position.

Only two semesters of an assistant class equaling 1 full credit may be taken in grades 11-12.

615 Intro to Education

(Page 14) ONLINE CLASSES

(Page 14) SENIOR WORK EXPERIENCE AND YOUTH APPRENTICESHIP

135 Senior Work Experience	1 to 1.5	Elective	12
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Note: Student must have completed or be in the process of completing all required courses for graduation.

(Page 14) INDEPENDENT STUDY CLASSES (Specific Curricular Areas)

000 Independent Study in (Curricular Area)	.5 to 1	Elective	12
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Note: Bases on instructor availability. Maximum of one credit per curricular area may be earned as Independent Study.

Appendix A: Four-year Plan Worksheet

Appendix B: Career Pathways

LANGUAGE ARTS

LANGUAGE ARTS 9	1	Required	09
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Ninth grade students will develop life skills in reading, writing, speaking and listening. Students will read and analyze *Romeo and Juliet* as well as a variety of long and short literary selections including non-fiction, fiction, poetry, and essays. Students will review elements of grammar, spelling, and punctuation and work on improving vocabulary by writing paragraphs, essays, poems, personal experiences and stories. Students will participate in class discussions and formal and informal presentations. Students will complete an in-depth research project involving both a paper and an oral presentation. After completing a unit on freedom and analyzing historical documents and their relevance, students will write a persuasive letter to a government official in Madison.

LANGUAGE ARTS 10	1	Required	10
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Language Arts 10 is designed to continue to develop the very important life skills of reading, writing, speaking, and listening. Students will read and respond to a variety of poetry, essays, memoir, and other nonfiction works, as well as both long and short fiction. Additionally, the study of grammar, spelling and punctuation will be informed through work with the literature, and students also will continue to work on improving vocabulary. Students will write in a variety of formats focusing on all elements in the writing process. This will include writing articles, persuasive documents, and various essays, as well as a personal memoir and a creative work. They will participate in class discussions exploring many topics but especially the ideas of tolerance and acceptance as presented through literature. Students also will carry out at least one sizable research projects by the end of the class.

LANGUAGE ARTS 11	1	Required	11
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Language Arts 11 is designed to continue to develop the very important life skills of reading, writing, speaking, and listening. The course work is based on American literature, with special emphasis on novels, drama, and poetry of the 20th century. As each author and piece is explored, special care will be taken to understand the context of the production of the piece and how it influenced the literature, as well as how the given work influenced its time and still may be of relevance today. Students will define literary terms, examine how they are used in literature, and explore the fuller meaning their use gives to a work. Additionally, in the spring semester, there will be a dedicated ACT prep unit. Students will undertake at least two research projects related to the literature read and will learn and use the proper MLA (Modern Language Association) format for citing resources in their own work.

SENIOR ENGLISH	1	Required or CP Eng	12
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Senior English continues to develop the very important life skills of reading, writing, speaking, and listening in order to help ensure that seniors will have the communication skills necessary in the work world. The course surveys a variety of genres and themes in literature. Students will read, write, and respond to the issues presented in the selections and make connections to their own lives as well and the world around us. Discussion on the theme of tolerance and open-mindedness in a world full of diversity will broaden the student's learning. A variety of oral and written presentations based on the themes of the course will be required. Students will produce a variety of writings and will be called upon to undertake at least one significant oral presentation. Additionally, students will review elements of grammar, spelling and punctuation, and work on improving vocabulary. Towards the end of the year, there will be instruction in the writing of a resume.

AP LITERATURE AND COMPOSITION	1	Required or Sr Eng	12
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This course is intended for students planning to attend a two-year or four-year college or university after high school. It will focus on preparing the student for the kinds of writing that will be required at the college level. Compositions will include various essays, responses to literature, technical writing, and an in-depth research paper. The college prep course, designed to be challenging, will allow students to read, interpret and analyze a wide variety of literature, including both classical and modern writers. Students will explore themes and issues of human existence, as they develop critical reading skills and respond to the literature both in active class discussion and in writing. The class goals for students are to become familiar with a wide variety of literature; to understand and use literary terms and theories of criticism to engage in literary analysis; to become actively involved in analysis, critical thinking and discussion regarding that literature in order to prepare for college level reading and writing and to use reading and writing strategies to become independent, self-evaluative learners. Students have the option to take the AP exam which may earn college credit.

MATH

ALGEBRA I	1	Required	09
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Algebra I is an extension of previous math courses. Algebra topics studied will include equations, ratios, systems of linear equations, slopes, factoring quadratics and exponents. Emphasis will be placed on interpreting graphs, exploring number relationships and integrating algebra and geometry with real-life problems. A student who takes an Algebra I class as an eighth grader will advance to Geometry in grade 9.

GEOMETRY	1	Required	09-10
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Topics in Geometry include data organization, recognizing patterns, drawing diagrams, find and solve sub problems, writing algebraic representations to make and test conjectures about angles, lines, congruence, polygons circles, etc. Coordinate geometry is used to study perimeter and area. A facility with ratios is developed through a study of similarity, right triangle trigonometry and probability.

ALGEBRA II	1	Required or App Math	10-11
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Algebra II topics studied will include an introduction to functions, discrete and exponential functions, translating graphs, linear systems, logarithms and other inverse functions, polynomials and probability. As in previous math classes, problem-solving strategies will be used not only for understanding how to do mathematics, but also as a vehicle for learning new mathematics.

APPLIED MATH	1	Required or Algebra II	11-12
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(Prereq: Algebra I and Geometry)

This mathematics course is designed to provide students with an opportunity to utilize algebraic concepts when solving problems involving real-world applications related to common workplace tasks. The use of word problems is extensive and covers the topics of problem solving, conversions, and algebraic equations. Problem solving applications involving items such as finances, simple and compound interest, credit and debt management, mortgages, taxes, insurance, retirement plans, stock market applications. Successful completion of the course will develop students' ability to explore and solve mathematical problems, think critically, work cooperatively and communicate clearly.

PRE-CALCULUS	1	Elective	11-12
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Topics studied include matrices and determinants, logarithms, circular functions, counting methods and probability. Students who do well in Pre-Calculus will be well prepared for a course in Math Analysis. **Completion of or current enrollment in Algebra II is strongly recommended.**

NOTE:

Students may be allowed to double up on math (taking two courses in the same year). The following criteria are recommended:

- 'Advanced' score on 8th grade MAP (for 9th graders) or 'Ready' score on 9th or 10th grade Pre-ACT
- Need to earn an 87% or above on Math 8 or Algebra I final exam

SCIENCE

PHYSICAL SCIENCE	1	Required	9
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Physical Science is a comprehensive study of matter and energy. This study focuses on the basic principles of physics and chemistry. Some of the fundamental concepts introduced and developed are the scientific method, Newton's laws of motion, the action of magnetic and electronic forces, and the behavior of waves. Also covered are topics about current technology in areas such as computers, lasers, alternative energy sources and space exploration. This study shows the relationship between science and day-to-day real-life situations as well as preparing students for the more advanced science topics to come.

BIOLOGY	1	Required	10
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Biology is a science course composed of about half lab investigation or experiment and half textbook study. During the year we will investigate the fundamental characteristics of life such as growth, movement, and transportation, digestion, respiration, and coordination. We will study the fundamental structures of life such as cells, nuclei, mitochondria, and chromosomes. We will also investigate the chemical basis of life, inheritance, and the interaction of all living and non-living things of the environment.

COLLEGE PREP CHEMISTRY	1	Elective	11-12
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Chemistry is a science class which is lab oriented. Topics studied include matter, energy, atoms, compounds molecules, the periodic table, chemical information, math, gas laws, solutions, families of elements, and an introduction to nuclear chemistry and organic chemistry. Lab experiments will constitute about 30 - 40 % of this course. This course is recommended for college-bound students.

ENGINEERING AND SCIENCE RESEARCH	.5	Elective	10-12
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This fall semester class is designed for motivated and inquisitive students. The class will be a research-focused, hands-on class, with the students conducting two major research projects. The students will experience science and engineering through original research and design. Students will pick one engineering project and one scientific research project to pursue. The class will culminate with the students presenting the finding of one of their projects at the Regional Science and Engineering Fair. The class will give students an introduction to science and research topics including literature searches, statistical analysis, scientific writing, mechanical testing methods and chemical analysis.

ENVIRONMENTAL SCIENCE	.5	Elective	10-12
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This second semester class will give students a survey of environmental science topics with an emphasis on a hands-on approach to field research. The curriculum concepts include: population ecology, water and nutrient cycles, energy issues, conservation issues, land use, and aquatic ecosystems. This introductory level class is recommended for students interested in environmental science

AP PHYSICS	1	Elective	12
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Physics is designed to help students increase their knowledge of the physical world by concentrating on ideas that characterize physics as science at its best, rather than concentrating on isolated bits of information. It also will help students see physics as the wonderfully many-sided human activity that is really is. Areas of study include mechanics, astronomy, light, heat, electricity, magnetism, nuclear energy, and models of the atom. This course is recommended for college-bound students. Students have the option to complete the AP exam which may earn college credit.

NOTE:

You are required to take *Physical Science* and *Biology*. The third required credit in science may be earned by taking one of the electives above or

- Food Science (found under Family and Consumer Ed)
- Horticulture Science (found under Agriculture)

Food Science and Horticulture Science do not have to be taken as science classes but may be taken as electives under their specific curricular areas.

3

COURSE DESCRIPTION	CREDIT	REQ/ELEC	GRADE
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SOCIAL STUDIES

EARLY UNITED STATES HISTORY	1	Required	9
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Early U.S. History is a social science course that deals specifically with American's role in world history. By studying American history as it relates to world historical events, students will comprehend the origins of current political and social problems around the world. The topics explored in class include the Age of Exploration, Native America, American Colonial Heritage, the American, French and Latin American Revolutions, Industrialization, Slavery, Westward Expansion and the origins and outcome of the Civil War.

MODERN UNITED STATES HISTORY	1	Required	10
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Modern U.S. History is a yearlong required class for juniors. The class covers 20th and 21st Century history from the Gilded Age to the Present. The class content relies heavily on the use of primary historical sources. Students build on existing knowledge and skills by creatively analyzing these sources and working cooperatively to derive meaning from them. In addition, students build their knowledge of repeating "themes" of history by analyzing current events and comparing them to historical events.

U.S. GOVERNMENT	.5	Required	11
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This class is a semester-long class that is required for graduation. The class will focus on how the government works, with an emphasis of the powers of government and checks and balances. Students will study the Constitution of the United States and learn how it applies to current events and their daily lives. In accordance with Act 31, there will be a unit on the tribal sovereignty and governmental powers of the 11 federally recognized Wisconsin American Indian Tribes. Finally, students in this class will take the test to comply with Act 55. There is a requirement in Act 55 that any students graduating from a Wisconsin high school (starting with the class of 2017) "takes a civics test comprised of 100 questions that are identical to the 100 questions that may be asked of an individual during the process of applying for U.S. citizenship by the United States Citizenship and Immigration Services and the pupil correctly answers at least 60 of those questions." (Section 3266R, 118.33(1m)(a)1.)

EXPLORING ECONOMICS	.5	Required	12
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The goal of this course is to give students a solid understanding of the American Economy, the free market economic principles that make it up and the individuals economic role within it. There is a heavy emphasis on human behavior, incentives, and financial literacy. Students participate through discussion, projects, exercises, research, and individual exploration.

PSYCHOLOGY	.5	Elective	11-12
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The goal of this course is to have fun exploring and advancing students' understanding of human behavior and preparing them for future careers, education, and interactions with friends and family. The primary focus of the course is the study of Psychology, including Developmental Psychology, Learning, Intelligence and Creativity, Emotion and Motivation, Consciousness, Personality, Psychological Disorders and Social Psychology. This class includes many hands-on, exciting activities and interactions and will make everyone who takes it a better person at the end of the Semester.

ANCIENT WORLD HISTORY	.5	Elective	10-12
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This course provides students with an overview of the history of human society from early civilization to the Middle Ages, examining political, religious, military, scientific and cultural developments. The topics explored in class include the origins of Humans, Ancient Mesopotamia, Indus River Valley, China, and Egypt. We then Focus on Classical Greece and Rome before taking an exciting tour through the Middle Ages and Renaissance periods in Europe, the Middle East and Asia. Students will have a significant amount of influence on topics explored. A fun based class for History Lovers!

MODERN WORLD HISTORY (offered '25-'26)	.5	Elective	10-12
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This course provides students with an overview of the history of human society from the 1600's to the present, examining political, religious, military, scientific and cultural developments. The topics explored in class include World War I, The Russian Revolution, the rise of totalitarianism, the Spanish Civil War, Chinese Revolution, Decolonization of Africa, Balkans Conflict, Iran and the Gulf Wars and the Global War on Terror. Students will have a significant amount of influence on topics explored. A fun-based class for History Lovers!

4

COURSE DESCRIPTION	CREDIT	REQ/ELEC	GRADE
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SOCIAL STUDIES (cont.)

HISTORY VS HOLLYWOOD (offered '25-'26)	.5	Elective	10-12
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This class is an elective class for students who enjoy the study of history. Students will choose one film about a historical concept, research the movie, and prepare a detailed presentation about the myths and realities covered in the movie. The class will require the use of primary historical documents, as students will be doing real history in this class; that is, doing original research and coming up with their own conclusions.

STREET LAW (offered '25-'26)	.5	Elective	10-12
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Street Law is a one-semester elective course and is intended to provide students with an introduction to the legal system of the United States. The class will focus on constitutional law, general legal principles, and the laws and procedures derived from them. This course is good for people who are interested in their legal rights and responsibilities. We will study Supreme Court cases, do mock trials, and many other things. We will look at your legal rights as a consumer and other financial issues, as well as family law. We will also look at the roles played by lawyers, judges, and law enforcement professionals. Students will gain a practical understanding of law and the legal system, and how it relates to their everyday lives.

SOCIOLOGY	.5	Elective	10-12
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This class is a semester-long class that focuses on such issues as poverty and inequality, race, gender, substance abuse, and age-related issues. It is a discussion-based class where students are encouraged to share their ideas and incorporate them into what they learn about the sociological method.

CONTEMPORARY WORLD ISSUES	.5	Elective	10-12
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Contemporary World Issues is a class designed for students who really enjoy history and what is going on in the world today. This class will explore global issues, especially wars and conflict, focusing primarily on world events in the context of the Middle East and the Cold War. In order to understand current events, students will apply historical research and study to decipher the roots of conflict from a historical, economic and cultural perspective. Students will also develop dynamic communication skills by teaching the class what they have learned, with the help of the instructor, from their research. If you like to read about war and conflict in modern history, this is the right class for you

PHYSICAL EDUCATION**PHYSICAL EDUCATION .5 Required/Elective 9-12**

Physical Education gives students an opportunity to develop skills in a variety of sports including team sports, individual and dual sports, recreational sports and fitness/conditioning activities. Activities experienced at the ninth through grade twelve level are traditional activities, including the addition of some lifetime sports: volleyball, soccer, softball, lacrosse, badminton, buka ball, pickle ball, floor hockey, football, dance, basketball, golf, bocce ball, table tennis, frisbee, archery and weight training.

FITNESS & CONDITIONING .5 Elective 9-12

Fitness Fundamentals is a course designed to improve an individual's overall level of fitness. While primary lifts are very important, this course will also develop strength throughout the body as well as increase cardiovascular fitness. This is an elective course for students who want to get a work out in every day. The weekly routine will be based on Bigger-Faster-Stronger.

Students will be graded based on completion of daily workouts. There will be four "big event" days allowed during the semester for important after-school events. This number will remain firm unless there is instructor approval. Remember, when the body reaches a level of being fit, your recovery time will not affect that evening's event.

This class may take the place of one semester of regular physical education and/or may be taken once as an elective.

Eligible students who participate in a C-FC sport may complete an additional one-half credit course in English, mathematics, social studies or science that is not otherwise required for graduation in lieu of one-half credit of physical education for purposes of high school graduation. Please visit the Counseling Office for more information.

HEALTH EDUCATION**HEALTH ISSUES .5 Required 10-12**

The nature of this class is centered around the most pertinent health issues of the decade. Openness and communication will be stressed with activities designed to gain a greater knowledge of ourselves and our society. Included in the class will be topics involving communication, self-concept (steroid abuse, eating disorders, suicide), family life, health behaviors (self protection, AIDS, STD's, drugs, gender equity), personal health and community involvement. It is recommended that this class be taken in tenth or eleventh grade but can be taken as a senior.

MEDICAL TERMINOLOGY .5 Elective 11-12

In Medical Terminology, students will find real-life applications of the medical terminology used in medical programs and offices. They will become proficient at building medical words from word parts. Students will gain a grounded foundation of medical terminology, abbreviations, and common symbols used in university premed courses, nursing programs, health-care offices, and so forth.

AGRICULTURE AND NATURAL RESOURCES

INTRODUCTION TO AGRICULTURE	1	Elective	09-12
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Introduction to Agriculture is open to all students but is recommended for freshmen. Subject areas covered include weed identification, dairy foods and processing, introduction to FFA, parliamentary procedure, leadership and fundamentals of horticulture.

ANIMAL SCIENCE	.5	Elective	10-12
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This **fall** semester course covers care and management of domestic and farm animals. Topics include basic animal health care, information about the causes, diagnosis and treatment of diseases, body systems, reproduction, animal handling and safety. Students will also work on Supervised Agriculture Experience (SAE).

Successful completion of this course with a C or better will earn credit through Western Technical College.

THE GREAT OUTDOORS	.5	Elective	10-12
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This **spring** semester comprehensive course covers a wide range of topics concerning agriculture and natural resources. Topics include environmental science, alternative energy systems, aquaculture, and soil science. An outside Earth Day project will be completed.

AGRICULTURAL LEADERSHIP	.5	Elective	10-12
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The Agricultural Leadership course will run in the **fall** semester. Students will develop leadership skills with a focus on career opportunities in the food, fiber, and natural resources industries. Topics will include job seeking skills, human relationships, effective communication, decision-making and problem solving. Students will also work on Supervised Agriculture Experience (SAE).

AG FOOD PRODUCTION & PROCESSING	.5	Elective	11-12
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This **fall** semester course imparts knowledge and skills needed to produce and manufacture food products for the consumer market. A variety of topics such as quality selection and preservation, government regulations, marketing, consumer trends and product research and development will be discussed.

AGRIBUSINESS MANAGEMENT	.5	Elective	12
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Prerequisites: 4 Semesters of Agriculture Classes

Fourth year agriculture deals with agribusiness. The course covers personal financial management, taxes and job interviewing skills.

WILDLIFE MANAGEMENT	.5	Elective	09-12
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This semester course will include the following areas: history of conservation, wilderness values, natural resource conservation, local wildlife and fish, careers in conservation, game bird propagation, taxidermy and wildlife censusing. Tree identification, management of pines and hardwoods, pruning, and use of forestry instruments will also be covered.

HORTICULTURE SCIENCE*	.5	Elective	10-12
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This spring semester course will deal with ornamental plants and other specialty plants that are useful in this area. The class will explore careers in horticulture, growing effects of plants, plant reproduction and life cycles and working with greenhouse crops. Students will learn basic landscaping concepts, design techniques and floral arranging.

*This semester course qualifies for a half credit (.5) of the third science credit required for graduation.

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COURSE DESCRIPTION	CREDIT	REQ/ELE	GRADE
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TECHNOLOGY

COMPUTER AIDED DESIGN	.5	Elective	09-12
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Students will learn about and utilize several 3-Dimensional Computer Aided Design (CAD) software programs to design parts and components. Students will learn how to assemble, animate, and test components within their CAD software and will also make actual objects using 3-d printers and CNC routers.

WOODWORKING	.5	Elective	09-12
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Students will learn the fundamentals of woodworking in this course. They will learn to identify and utilize common types of wood to make several basic projects. The class will focus on the safe use of hand and power tools to build several required projects as well as an individual project chosen by the student.

INTRODUCTION TO METALS	.5	Elective	09-12
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Students will learn the fundamentals of metalworking in this course. They will learn to identify and utilize common types of metal to make several basic projects. The class will learn about sheet metal layout and fabrication, bench work using common hand tools and power tools. Students will have two-week rotations SMAW, MIG, and TIG welding, mill and lathe machining, plasma/oxy acetylene cutting, and sheet metal. Students will build several required projects for each station they will work at.

CARPENTRY & CONSTRUCTION	.5	Elective	10-12
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Woodworking is a prerequisite for this class

Students will learn about a wide range of topics involved in the construction industry. Hands on-projects will be incorporated whenever possible to give students exposure to carpentry, concrete work, plumbing, electrical, and finishing work. The class will build several large projects as groups for the school or community.

SMALL ENGINE REPAIR	.5	Elective	09-12
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This course exposes students to engines, their parts, and how they work. Students will learn about 4-cycle and 2-cycle theory, all of the major engine systems, and troubleshooting. After students have demonstrated their knowledge and understanding of small engines, they will be able to bring in small engines, determine what is wrong, and fix them in the class.

METALS FABRICATION	.5	Elective	10-12
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Introduction to Metals is a prerequisite for this class

This course will focus on welding and metal fabrication. Students will gain hands-on experience using oxy-acetylene, plasma, SMAW, MIG, and TIG welding. Students will utilize mills and lathes to create parts for projects. Students will also learn about different welding techniques and joints used in industry to fabricate metal parts and structures. Students will build several required projects before designing and building an approved individual project.

MANUFACTURING	.5	Elective	11-12
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This course is open to juniors and seniors who have taken at least three high school classes in the Technology Department. In this class students will learn about manufacturing and all the different parts of the manufacturing industry. Numerous tours will be utilized to expose students to different manufacturing businesses in our area. Each student will design their own product, create a prototype and a marketing plan and oversee their product being manufactured by the class. Products will be sold with the proceeds paying for materials and new tools for the program. The manufacturing class will also work on projects for the school and community when the need arises.

HOME CARE AND REPAIR	.5	Elective	11-12
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This course will dive into the basics of home care and repair. We will cover topics based on available resources, seasonal opportunities, and student interest centered on teaching students to become an educated consumer and informed user related to home and auto. Students will gain hands-on experience in the areas of plumbing, electrical, HVAC, basic construction, drywall, home finishing, masonry, and basic auto maintenance.

TECHNOLOGY (cont.)

ROBOTICS	.5	Elective	09-12
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This course is designed to teach students strategies for building robots. The students will start out by learning about mechanical systems and how to implement them into industrial models. Students will then transition into the programming phase of robotics learning how to make a robot move they way they want based on the code they program for it. Students will be faced with challenges and competitions to display the skills required to meet expectations. The course will use the VEX Robotics V5 Interface System.

ART

DRAWING AND PAINTING	.5	Elective	09-12
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This is a basic course for students who are beginning to develop their skills in art. The course will cover the language, materials and processes of particular design elements of drawing and painting. Emphasis is on two-dimensional drawing and painting basics using pen-and-ink, pencil, chalk, watercolor, tempera, acrylics, oil pastels, etc.

THREE-DIMENSIONAL ART	.5	Elective	09-12
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(Prereq: Drawing & Painting)

This course focuses on three-dimensional art using several mediums: clay, ceramics, papers, textiles, woods, mosaics, etc. The course will provide students with the knowledge and opportunity to explore three-dimensional art forms and create individual works of art. Students will be encouraged to develop their own artistic style.

ADVANCED ART I	.5	Elective	10-12
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The course focuses on the development and creation of ideas toward individual expression using the elements of art and the principles of design. References of artists from various movements will serve as catalysts to students in their own creations. Both 2D and 3D projects allow students the opportunity to explore their own creativity.

ADVANCED ART II	.5	Elective	10-12
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(Prereq: Advanced Art I)

Students will develop an individual style in painting through the study of various styles in art history using acrylics, tempera, oil, water color, mixed media and collage. Exploration of color, design, composition and drawing through a series of paintings are the strong foundation of this class.

ART PORTFOLIO/INDEPENDENT STUDY	.5	Elective	11-12
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This course is for the serious art student as it allows the student to create and work through his/her individual artistic "problem" within a specific art area...i.e. drawing, painting, printmaking, sculpture, 3-D options, etc. A paper of intent stating the problem, possible solutions, feasible outcomes and work schedule is fundamental to this course. Students have the opportunity to create a professional body of work that reflects their personal style and talent. Because the course is varied and individual, the student will supply his/her own materials for the class. The course may be repeated by a student in a different area of art study.

BUSINESS TECHNOLOGY

INTRODUCTION TO BUSINESS	.5	Elective	09-12
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In this course students will be introduced to a wide range of topics that impact the business-world and our economy. Students will be taking an in-depth look into what it takes to run a successful business through a real-world simulation. We will be learning about business structures, social responsibility, business ethics, entrepreneurship, management, and business operations. **Successful completion of this course with a C or better will earn credit through Western Technical College.**

BUSINESS COMUTER APPS	.5	Elective	09-12
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This class will explore the advance features in Microsoft Office commonly used in the business world. We will learn how to efficiently use the many features in Word, Excel, and PowerPoint. This class will go beyond the basic skills taught in Computer Applications. Students will have the opportunity to take Microsoft Office Specialist (MOS) certification during this class. **Successful completion of this course with a C or better will earn credit through Western Technical College.**

PRINCIPLES OF MARKETING	.5	Elective	09-12
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Introduce yourself to the exciting world of marketing! You will learn how products are brought from the idea stage to becoming available on store shelves. Everything from distribution to sales will be explored. This class will serve as an introduction to the principles, concepts, and theories of marketing, and how they are applied in everyday life. **Successful completion of this course with a C or better will earn credit through Western Technical College.**

ACCOUNTING	.5	Elective	11-12
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Accounting has many benefits regardless of a student's career choice. Through accounting simulations, students apply their knowledge of accounting to real-world situations. Upon completion of the course, students will have the basic understanding needed to succeed in future accounting courses. **Successful completion of this course with a C or better will earn credit through Western Technical College.**

INTRODUCTION TO COMPUTER CODING	.5	Elective	09-12
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Introduction to Computer Coding is a semester long course aimed at exposing students to the world of coding. Coding, the language of the future, is used in every piece of technology. Intro to Coding is intended for students with no previous background and teaches how to code in a fun and accessible way. We will cover the following topics: Problem Solving and Computing, Web Development, and Animations and Games

PERSONAL FINANCE	.5	Elective	11-12
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Personal Finance is a course designed to alert, inform and educate high school students in personal financial planning. The course presents the basic concepts of personal finance such as budgeting, credit, loans, etc. The class will help students learn to plan and manage the resources they now have and will have in the future, preparing them for real-life situations involving personal finance.

PUBLICATIONS DESIGN - YEARBOOK	.5	Elective	11-12
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This class may be taken by junior or senior students. Publication Design provides students with the knowledge and skills necessary to produce a printed publication. Students will develop writing, editing, layout and production skills in the preparation of the school's yearbook. Students receive an elective credit for this class.

FAMILY AND CONSUMER EDUCATION

CLOTHING AND CRAFTS	.5	Elective	09-12
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Clothing/Crafts is a sewing and craft course that allows students to increase their sewing skills. It encourages creativity in choosing projects that fit an individual's lifestyle, personality, and budget. The labs provide both group and individualized help with construction of new or recycled projects (students will provide materials for projects) and crafts. Various career opportunities in the clothing and textile field will be explored. Clothing and Crafts means you can sew and/or make any project, not just things to wear.

INTRO TO FOODS	.5	Elective	09-12
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This class is developed to help students learn important skills and kitchen concepts including equipment, safety and sanitation. The class will focus on baking including dough, quick breads, pies, cakes, and cookies. We will be applying the fundamentals of terminology, formula conversions, functions of ingredients and use of proper flours.

ADVANCED FOOD PREP	.5	Elective	10-12
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(Prereq: Intro to Foods)

The aim of this class is to focus on advanced cooking techniques and an introduction to the hospitality industry. We will be preparing foods, including sandwiches, stocks, soups, and sauces. Students will also be learning about the fundamentals of recipes, meal planning, preparation and cooking of foods to design their own food truck.

INTERIOR DESIGN	.5	Elective	10-12
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Students will learn about different housing choices, art and principles of decorating and functionality of living spaces. We will be studying floor plans, rooms and furniture arrangements, housing styles, and the rights and responsibilities of consumers. Students will also be designing their own spaces including floor plans and composite of materials, colors, and furnishings for a variety of spaces.

CHILD DEVELOPMENT	.5	Elective	11-12
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In this course, students will study the mental, physical, emotional and intellectual development of a child from conception to the age of three. We will discuss the responsibilities of parenting, child abuse, childcare options, communication and the importance of play, food and nutrition! With an understanding of growth and guidance of children, students will be prepared for future parental roles, employment in the childcare industry and further their education in the field of Child Development.

FOOD SCIENCE*	.5	Elective	10-12
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This course uses a hands-on approach with lab experiments to explore bacteriology and food safety, as well as food and how it affects your body. Students will become acquainted with the equipment used in a food science laboratory as well as proper techniques for carrying out food science experiments. Students will discover that appearance, odor and texture are just as important as taste in determining whether or not you find food appealing. *This semester course qualifies for a half credit (.5) of the third science credit required for graduation.

WORLD LANGUAGE

SPANISH I	1	Elective	09-12
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Students start a foundation of reading, listening, writing, and speaking skills for language development. Unit functions cover relating basic personal information and giving descriptions about people, school, families, food, houses, and clothing. Activities include viewing authentic Spanish resources, learning about cultural products and practices, and beginning conversations. Students are evaluated on daily practice; application on a quiz, speaking, or writing assignment; and unit assessments.

SPANISH II	1	Elective	10-12
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(Prereq: Spanish I)

Students build their skills in reading, listening, writing, and speaking. Students improve their communication by adding details and transitions. Unit functions cover telling about a past or future event, writing a fairy tale, giving directions, and sharing opinions about shopping, healthy habits, sports, and travel. Activities include viewing authentic Spanish resources, learning about cultural products and practices, and engaging in conversations. Students are evaluated on daily practice; application on a quiz, speaking, or writing assignment; and unit assessments.

SPANISH III	1	Elective	11-12
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(Prereq: Spanish II)

Students improve their communication skills and build on their understanding of grammar. Unit functions cover communicating appropriately in various situations, sustaining a conversation, and writing short narratives about social media influencers, legends, childhood activities, ancient civilizations, food and tourism, and plastic in the oceans. Activities include discussing authentic Spanish resources and examining cultural similarities and differences. Students are evaluated on daily practice; application on a quiz, speaking, or writing assignment; and unit assessments. Students who excel could test out of introductory language courses offered at some colleges.

SPANISH IV	1	Elective	12
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(Prereq: Spanish III)

Students increase their proficiency by managing specific vocabulary and appropriate grammar to communicate their ideas. Unit functions cover recounting a series of past events, planning future activities, and summarizing longer resources. Activities include discussing current events and priorities such as applications and personal history, community heroes, media programs, and using cultural information to investigate global issues such as budgets, government, and climate. Students are evaluated on daily practice; application on a quiz, speaking, or writing assignment; and unit assessments. Students who excel could test out of novice-intermediate level language courses offered at some colleges.

MUSIC

CONCERT BAND	1	Elective	09-12
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Concert band is open to all qualified students in grades 8-12. It is a performance class with daily rehearsals during school time. The greatest emphasis is on concert band music. All band students get lessons individually or in small groups in addition to the daily rehearsal. Other required activities include five concerts per year, the large group contest in the spring, and pep band performances. Exchange concerts and trips to parades are sometimes arranged for the group. Qualified students may also participate in the solo-ensemble contests and/or jazz band. Demonstrated ability on a band instrument is a prerequisite for this course.

CONCERT CHOIR	1	Elective	09-12
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Concert Choir is an active learning class that meets daily for rehearsals. Students will be involved in hands-on learning of the fundamentals of singing and music theory. Members may participate in honor choir experiences, solo/ensemble festival and the all-school musical. Underclassmen are required to take private lessons once per week. Lessons are optional for juniors and seniors. No audition is required to be a participant.

CONCERT BAND/CHOIR COMBO	1	Elective	09-12
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Students signing up for this combination class will have band and choir on an every-other day basis. One credit will be earned for the year.

COLLEGE CREDIT AND DUAL CREDIT OPTIONS

EARLY COLLEGE CREDIT PROGRAM	VARIED CREDIT	Varies	09-12
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The Early College Credit Program allows students in grades 9-12 to enroll in online, in-person, or blended classes at any public or private college or university in Wisconsin, excluding technical colleges (see below). Students must submit an application form to the school counselor at CFC by October 1st for spring semester courses, February 1st for summer courses, and March 1st for fall semester courses in the following year. College and university course enrollment are subject to the college or university's criteria including pre-requisites. The cost of the course will be covered by CFC in most, but not all, cases. Dual credit courses give credits at both CFC and the college. Some courses are college credit only. Each course must be approved by the Credit Review Committee.

START COLLEGE NOW	VARIED CREDIT	Elective	11-12
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The Start College Now program allows qualified juniors and seniors to enroll in classes at any Wisconsin technical college subject to approval from the Credit Review Committee. Students may be denied admittance to a particular course by the technical college if the course is full or the student does not meet the eligibility requirements for the course. Students must submit an application for Start College Now to the CFC Counseling Office by March 1st for fall semester courses and October 1st for spring semester courses. If a student is approved for a course the cost of the course will be covered by CFC provided the student successfully completes the course. Students are responsible for their own transportation.

Applications for either program can be obtained from the counseling office or from <https://dpi.wi.gov/dual-enrollment/eccp> and <https://dpi.wi.gov/dual-enrollment/start-college-now>.

PSEO	VARIED CREDIT	Elective	10-12
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The Post-Secondary Enrollment Options program (PSEO) is an agreement which allows students to take college level courses through Minnesota State College Southeast in Winona, provided they meet the admission requirements. Students should obtain a program application form from the Counseling Office and return it to the counselor by March 1st for classes in the fall semester of the following year or October 1st for spring semester courses in the current year. Course requests are subject to approval from the C-FC Credit Review Committee. C-FC will pay for most courses provided the student successfully completes the course.

EDUCATION CLASSES

ELEMENTARY CLASSROOM ASSISTANT	.5	Elective	11-12
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The Elementary Classroom Assistant course is a one-half credit elective offered to juniors and seniors. Students will earn a grade of Pass or Fail with no grade points assigned. *A maximum of one full credit may be earned by taking this course (may take two semesters during high school career.)*

The course is designed to allow high school students to have a chance to work with elementary students in different curricular settings. Students will work as an aide to the classroom teacher and one-on-one as needed with individual students. This program provides high school students planning to enter related social or professional fields an opportunity to obtain valuable background experience in working with children. Requirements of the course include a good attendance record and being punctual to the classroom.

INTRO TO EDUCATION	.5	Elective	11-12
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Students analyze preK-12 education in the United States, determine roles and responsibilities of school personnel, and explore current issues, trends, and best practices. Students identify how students learn and the foundation of lesson planning. Students analyze assessment strategies, classroom management, and techniques for supporting learners.

This course is eligible for transcribed credit through Western Technical College.

SENIOR WORK EXPERIENCE

SENIOR WORK EXPERIENCE	.75 -1.5	Elective	12
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Seniors who have completed all grade 9-11 required courses and are enrolled in the senior required classes may apply for the senior work experience program. A requirement of the program is that the student has steady employment during the course of the work experience program. Those who are in the program may leave before their final two classes of the day.

YOUTH APPRENTICESHIP

YOUTH APPRENTICESHIP		Elective	11-12
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Wisconsin's Youth Apprenticeship program is a part of a statewide School-to-Work initiative. It is designed for high school students who want hands on learning in an occupational area at a worksite. Students must also be enrolled in a class in the career area related to the apprenticeship. For more information on Youth Apprenticeships please visit the Counseling Office.

INDEPENDENT STUDY CLASSES

INDEPENDENT STUDY (SPECIFIC CURRICULAR AREA)	.5 to 1	Elective	11-12
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Students in grades 11 and 12 can apply to take an independent study course in a curricular area provided they have taken all the pre-requisites for the class in that discipline. **Courses are dependent on teacher availability.** The teacher must submit a course syllabus/grading scheme to the principal prior to the course being approved. *Students may take a maximum of one credit of independent study in a curricular area.*

ONLINE CLASSES	VARIED CREDIT	Elective	9-12
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C-FC offers a variety of online course options through the Rural Virtual Academy. The courses allow students to explore a wide variety of career options. These courses are taken on a pass/fail basis. Students will be given a class period in school to work on the course if desired. Students must successfully complete the course or reimburse the cost of the course. Please see the counseling office for more details.

C-FC 4-Year Planning Worksheet

Minimum Graduation Requirements	9th	10th	11th	12th
Language Arts 4 Credits	Language Arts 9	Language Arts 10	Language Arts 11	AP Lit. and Comp. Or Senior English
Math 3 Credits	Algebra I	Geometry	Algebra II Or Applied Math	
Social Studies 3 Credits	Early US History	Modern US History	US Government	Exploring Econ
Science 3 Credits	Physical Science	Biology	Science elective	
Phy. Ed. 1.5 Credits	Phy Ed			
Health .5 Credits		Health		
Electives 9 Credits				

Career Clusters and Pathways

The Framework

“**Career clusters** are broad occupational groupings that serve as an organizing tool, categorizing common knowledge and skill sets for secondary and postsecondary education. Career clusters use 16 broad groups of occupations and 79 pathways (sub-groups).”

-Wisconsin Department of Instruction

Career Clusters:

- Blend academic and technical education
- Provide for career development
- Offer options for students to experience different aspects of careers
- Provide a framework organizing the delivery of career and technical education

The 16 Clusters:

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, Audio/Video Technology, and Communications
- Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing
- Science, Technology, Engineering, and Mathematics
- Transportation, Distribution, and Logistics

The following pages offer Career Path examples and recommendations on electives, extracurricular activities, and supplemental class suggestions for each Career Cluster.

Agriculture, Food, and Natural Resources

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communication, Employability Skills, Ethics, Legal Responsibilities, Safety Practices, Teamwork, Information Technology

Career Paths: Food Products & Processing, Plant Systems, Animal Systems, Natural Resource Systems, and Agribusiness Systems

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp OR Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Introduction to Ag. (9-12) Wildlife Management (9-12) Intro to Foods (9-12) Advanced Food Prep (9-12) Spanish I (9-12) Intro to Business (9-12) Business Comp. Apps (9-12) Woodworking (9-12) Intro to Metals (9-12) Small Engine (9-12)	The Great Outdoors (10-12) Animal Science (10-12) Horticulture Science (10-12) Spanish I or II (10-12) Food Science (10-12) Sociology (10-12) Street Law (10-12) Contemp. World Issues (10-12)	Ag Food Production (11-12) Ag Leadership (11-12) Accounting (11-12) Manufacturing (11-12) College Prep Chem (11-12) Environmental Sci. (11-12) Spanish III (11-12) Psychology (11-12) Personal Finance (11-12) Youth Apprentice	Agribusiness Mgmt. (12) Work Release (12) Physics (12) Advanced Math Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Student Council

Architecture and Construction

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Design/Pre-construction, Construction, Maintenance/Operation

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp OR Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Woodworking (9-12) Intro to Metals (9-12) Computer Aided Design (9-12) Intro to Business (9-12) Intro to Marketing (9-12) Business Comp. Apps (9-12)	Carpentry & Construct. (10-12) Metals Fabrication (9-12) Sociology (10-12) Street Law (10-12) Contemp. World Issues (10-12)	Manufacturing (11-12) Home Care & Repair (11-12) Personal Finance (11-12) Interior Design (11-12) Environmental Sci. (11-12) College Prep Chem. (11-12) Psychology (11-12) Engineering/Sci. Research (11-12) Youth Apprentice	Work Release Physics Advanced Math Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA

Arts, A/V Technology & Communications

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Audio & Video Technology and Film, Printing Technology, Visual Arts, Performing Arts, Journalism & Broadcasting, Telecommunications

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp OR Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Drawing & Painting (9-12) 3D Art (9-12) Business Comp. Apps (9-12) Clothing & Crafts (9-12) Concert Band (9-12) Choir (9-12) Intro to Business (9-12) Spanish I (9-12)	Advanced Art I (10-12) Advanced Art II (10-12) Street Law (10-12) Sociology (10-12) Hist. vs Hollywood (10-12) Contemp. World Issues (10-12) Ancient World History (10-12) Modern World History (10-12) Spanish II (10-12)	Art Portfolio (11-12) Accounting (11-12) Psychology (11-12) Interior Design (11-12) Pub. Design/Yearbook (11-12) Youth Apprentice	Work Release Advanced Math Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Drama, Forensics, Student Council

Business, Management & Administration

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Management, Business Financial Management, Accounting, Human Resources, Business Analysis, Marketing, Administrative and Information Support

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	College Prep English OR Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Intro to Business (9-12) Intro to Marketing (9-12) Business Comp. Apps (9-12) Intro to Coding (9-12) Business Practices (9-12) Spanish I (9-12) Intro to Agriculture (9-12)	Street Law (10-12) Sociology (10-12) Contemp. World Issues (10-12) Spanish II (10-12)	Psychology (11-12) Personal Finance (11-12) Accounting (11-12) Spanish III (11-12) Youth Apprentice	Work Release Advanced Math Ag Business Mngt (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Math Team

Education & Training

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Administration & Administrative Support, Professional Support Services, Teaching, Training

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp OR Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Business Comp. Apps (9-12) Drawing & Painting (9-12) 3D Art (9-12) Spanish I (9-12) If planning on teaching in middle or high school take electives in your area of interest.	Contemp. World Issues (10-12) Sociology (10-12) Spanish II (10-12) If planning on teaching in middle or high school take electives in your area of interest.	Psychology (11-12) Child Development (11-12) Elementary Aide (11-12) Pub. Design/Yearbook (11-12) Intro to Education (11-12) If planning on teaching in middle or high school take electives in your area of interest.	More Math in sequence More Science in sequence If planning on teaching in middle or high school take electives in your area of interest. Advanced Math

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Forensics, Drama, Student Council

Finance

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Securities & Investments, Business Finance, Banking Services, Insurance

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp OR Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Business Comp. Apps (9-12) Intro to Business (9-12) Intro to Marketing (9-12) Business Practices (9-12) Spanish I (9-12)	Street Law (10-12) Sociology (10-12) Spanish II (10-12)	Psychology (11-12) Personal Finance (11-12) Accounting (11-12) Youth Apprentice	Pre-Calc Work Release Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Math Team, Student Council

Government & Public Administration

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Governance, National Security, Foreign Service, Planning, Revenue & Taxation, Regulation, Public Management & Administration

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12)	Cont. World Issues (10-12) Sociology (10-12) Spanish II (10-12) Street Law (10-12) Ancient World Hist. (10-12) Mod. World History (10-12)	Psychology (11-12) Spanish III (11-12)	More Math in sequence More Science in sequence

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, Student Council, Forensics, Buffalo County Partnership Council, Teen Court

Health Science

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Therapeutic Services, Diagnostics Services, Health Information, Support Services, Biotechnology Research and Development

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Intro to Foods (9-12)	Food Science (10-12) Spanish II (10-12) Street Law (10-12) Sociology (10-12)	Psychology (11-12) Child Development (11-12) College Prep Chem (11-12) Online Anatomy (11-12) Eng. & Sci. Research (11-12)	AP Physics (12) More Math in sequence More Science in sequence

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, Buffalo County Partnership Council

Hospitality & Tourism

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Recreation, Amusement & Attractions, Restaurant & Food and Beverage Services, Lodging, Travel & Tourism

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Intro to Foods (9-12) Intro to Business (9-12) Intro to Marketing (9-12) Business Practices (9-12) Advanced Food Prep (9-12) Clothing & Crafts (9-12)	Food Science (10-12) Spanish II (10-12) Street Law (10-12) Sociology (10-12)	Psychology (11-12) Interior Design (11-12) Accounting (11-12) Ag Food Production (11-12) Youth Apprentice	More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Human Services

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Early Childhood Development & Services, Counseling & Mental Health Services, Family & Community Services, Personal Care Services, Consumer Services

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Intro to Foods (9-12) Clothing & Crafts (9-12) Drawing & Painting (9-12) 3D Art (9-12)	Food Science (10-12) Spanish II (10-12) Street Law (10-12) Sociology (10-12) Cont. World Issues (10-12)	Psychology (11-12) Child Development (11-12) Medical Terminology (11-12) Personal Finance (11-12) Youth Apprentice	More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, Buffalo County Partnership Council

Information Technology

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Network Systems, Information Support Services, Programming & Software Development, Interactive Media

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Bus. Comp. Apps (9-12) Intro to Com. Coding (9-12) Intro to Marketing (9-12)	Sociology (10-12)	Psychology (11-12) Pre-Calc (11-12) Pub. Design/Yearbook (11-12) Youth Apprentice	AP Physics (12) More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech, Online computer science.

Extracurriculars: FFA, FBLA

Law, Public Safety Corrections, & Security

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Correction Services, Emergency & Fire Management Services, Security & Protective Services, Law Enforcement Services, Legal Services

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Wildlife Mgmt. (9-12)	Spanish II (10-12) Street Law (10-12) Sociology (10-12) Cont. World Issues (10-12)	Psychology (11-12) Accounting (11-12) Environmental Sci (11-12) Spanish III (11-12) Personal Finance (11-12) Youth Apprentice	More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, Teen Court, Buffalo County Partnership Council

Manufacturing

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Production, Manufacturing Production Process Development, Maintenance, Installation, Repair, Quality Assurance, Logistics & Inventory Control; Health, Safety, & Environmental Assurance

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses

Bus. Comp. Apps (9-12) Woodworking (9-12) Intro to Metals (9-12) Computer Aided Design (9-12) Small Engine (9-12) Intro to Business (9-12)	Carpentry & Con (10-12) Metals Fabrication (10-12)	Manufacturing (11-12) Accounting (11-12) Engineer & Sci Research (11-12) Youth Apprentice	More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA

Marketing, Sales, & Service

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Management & Entrepreneurship, Professional Sales & Marketing, Buying & Merchandising, Marketing, Communications and Promotion, Marketing Information Management & Research, Distribution & Logistics, E-Marketing

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics

Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Drawing & Paint (9-12) 3D Art (9-12) Intro to Marketing (9-12) Intro to Business (9-12)	Street Law (10-12) Cont. World Issues (10-12) Adv. Art I (10-12) Adv. Art II (10-12) Sociology (10-12) Spanish II (10-12)	Psychology (11-12) Accounting (11-12) Pub. Design/Yearbook (11-12) Youth Apprentice	More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Student Council

Science, Technology, Engineering, & Mathematics

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Engineering and Technology, Science and Math

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses

Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Computer Aided Design (9-12)	Spanish II (10-12) Environmental Sci (10-12) Street Law (10-12) Animal Science (10-12) Horticulture Sci. (10-12) Sociology (10-12)	Psychology (11-12) Coll. Prep Chem. (11-12) Eng. & Sci. Research (11-12) Pre-Calc (11-12)	AP Physics (12) More Math in sequence

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, Math Team

Transportation, Distribution, & Logistics

PLAN OF STUDY

Cluster Knowledge & Skills: Academic Foundation, Communications, Employability, Ethics, Safety, Legal Responsibility, Leadership & Teamwork, Technical Skills, Problem Solving & Critical Thinking

Career Paths: Transportation Operations; Logistics, Planning, & Management Services; Warehouse & Distribution Center Operations; Facility & Mobile Equipment Maintenance, Transportation Systems/Infrastructure Planning Management & Regulations; Health, Safety, & Environmental Management; Sales & Service

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Core Courses	Core Courses	Core Courses	Core Courses
Language Arts 9 Algebra I or Geometry Physical Science Early US History Physical Education	Language Arts 10 Geometry Biology Modern US History Physical Education Health	Language Arts 11 Math Elective 1 cr. Science Elective US Government Physical Education	AP Lit and Comp Or Senior English Exploring Economics
Elective Courses	Elective Courses	Elective Courses	Elective Courses
Spanish I (9-12) Bus. Comp. Apps (9-12) Small Engine (9-12) Intro to Business (9-12) Intro to Metals (9-12) Metals Fabrication (9-12)	Spanish II (10-12) Sociology (10-12) Environ. Science (10-12)	Psychology (11-12) Accounting (11-12) Manufacturing (11-12) Youth Apprentice	More Math in sequence More Science in sequence Work Release (12) Youth Apprentice

Supplemental Coursework: Start College Now, Early College Credit, SE Tech

Extracurriculars: FFA, FBLA, Student Council