

# CORY-RAWSON HIGH SCHOOL COURSE GUIDE 2019-2020



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## INTRODUCTION

This Curriculum Guide supplies information offered at each grade level and the requirements necessary for graduation. The student and parent need to consider interests, aptitudes and post high school plans when selecting courses.

Each year brings about some changes in the curriculum for the following year. **Therefore it is recommended that parents and students look over the courses very carefully.** Due to changes, one may find that previous course planning will have to be re-evaluated.

It is the responsibility of the student to make sure all requirements for graduation are met.

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### Cory-Rawson Graduation Requirements

4 credits English language arts  
½ credit Health  
4 credits Mathematics (through Algebra 2)  
½ credit Physical Education  
3 credits Science (Biology, Physical, +1 advanced Science)  
3 credits Social Studies (World, US History, US Gov't)  
½ credit Economics and Finance  
1 credit Fine Arts (in Middle School, High School, or attend Millstream)  
22 credits TOTAL

### New Ohio Department of Education Graduation Requirements

#### **Earn minimum number of points on seven end-of-course exams:**

- Algebra I and Geometry
- Biology
- US History and US Government
- English 9 and English 10

#### **Meet one of the following:**

1. Earn at least eighteen points on seven end-of-course exams.
2. Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th-grade students in the Class of 2018 and beyond to take the exam free of charge.
3. Earn a State Board of Education-approved, industry-recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

### **Ohio Honors Diploma Criteria**

*Students need to fulfill 7 of 8 applicable criteria for the Diploma with Honors*

	<b>Academic Diploma with Honors</b>	<b>Career-Technical Diploma with Honors (Millstream)</b>
<b>English</b>	4 Units	4 Units
<b>Mathematics</b>	4 Units – including Algebra 1, Geometry, Algebra 2 and another higher level course	4 Units – including Algebra 1, Geometry, Algebra 2 and another higher level course
<b>Science</b>	4 Units including Chemistry and Physics	4 Units including two units of advanced science*
<b>Social Studies</b>	4 Units	4 Units
<b>Foreign Language</b>	3 Units – must include no less than 2 units for which a credit is sought – i.e. 3 units in one language or 2 units in two languages	N/A
<b>Fine Arts</b>	1 Unit	N/A
<b>Grade Point Average (GPA)</b>	3.5 on a 4.0 scale	3.5 on a 4.0 scale
<b>ACT/SAT Score</b>	27 ACT / 1210 SAT	27 ACT / 1210 SAT
<b>Electives</b>	N/A	4 Units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to postsecondary credit.
<b>Additional Assessment</b>	N/A	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

### **COLLEGE CREDIT PLUS PROGRAM**

Students in grades 7-12 have the opportunity to earn college credit while enrolled at CRHS. This statewide program allows students to apply to a college or university to take courses toward a particular degree of interest. Classes can be taken on the college or university campus, online or at CRHS (when available). Courses can be taken during the school day, or in the evening/weekend. Tuition fees are covered for the student who enrolls at a public college or university; students who select a private college or university may incur some cost. Transportation is the responsibility of the family. A parent information meeting will take place each year in late winter to highlight the program.

**Parents must notify CRHS by April 1<sup>st</sup> that they are interested in having their child participate during the following school year.**

### **STUDENT ORGANIZATIONS and EXTRA-CURRICULAR ACTIVITIES**

Below is a list of recognized school clubs and organizations. Students are encouraged to participate/apply!

Art Club  
FCCLA  
HAPPY

Fellowship of Christian Athletes (FCA)  
National Honor Society (NHS)  
Cultural Appreciation Club

Future Farmers of America (FFA)  
Pep Band  
High School Play/Musical

Quiz Bowl  
Show Choir

Student Council  
SWA4G

Jazz Band

## **SPORTS**

In addition to the following sports, students may also participate as managers, mat maids, and statisticians.

### **Fall**

Football  
Volleyball  
Boys Soccer  
Girls Soccer  
Football Cheerleading  
Flag Corp (*must be in band*)  
Cross Country  
Competition Cheer (club)

### **Winter**

Boys Basketball  
Girls Basketball  
Wrestling  
Basketball Cheerleading  
Indoor Track (club)  
Competition Cheer (club)

### **Spring**

Boys Track & Field  
Girls Track & Field  
Softball  
Baseball

## **SCHEDULE CHANGES**

The expectation is that students commit themselves to taking those classes which they have requested. Changing classes will be allowed on an individual basis for **educational reasons only**. Schedule changes must be approved by the Administration and/or High School Counselor.

## **GUIDANCE DEPARTMENT**

The high school counselor (grades 7-12), Mrs. McFarland, extends an invitation to every student to visit the guidance office. One of the main aims of the counselor is to help you navigate successfully through high school. This may include: helping you with your schedule plans, career options, and personal goals and concerns. You are encouraged to not wait until the last moment to make plans for the future.

# **CRHS COURSE LIST**

**All courses are one year in length unless otherwise noted.**

Courses at Cory-Rawson Schools are available to all students regardless of race, religion, national or ethnic origin, sex, age, or handicap.

## ART

### **0101. ART I – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. Basic skills in studio art are taught. For example, there is a strong emphasis on drawing improvement, color theory, design & composition. A variety of media will be introduced, such as pencil, graphite, marker, pen & ink, water color, tempera, and oil pastels. **LAB FEE \$30.00**

### **0102. ART II – 1 credit**

This course is offered to students in grades **10, 11, 12**. The emphasis in Art II is for the students to be introduced to more and varied Medias and to be allowed more creative freedom within each assignment. **LAB FEE \$35.00 PREREQUISITE 0101.**

### **0103. ART III – 1 credit**

This course is offered to students in grades **11, 12**. The Art III student is free to explore any media and technique he or she wishes. Students are required to produce a specific number of projects along with required sketchbook assignments. **LAB FEE \$40.00 PREREQUISITES: 0101, 0102 & the recommendation of the instructor.**

### **0104. ART IV – 1 credit**

This course is offered to students in grade **12**. The Art IV student is free to explore any media and technique he or she wishes with a set number of projects to be completed each grading period along with required sketchbook assignments. **LAB FEE \$40.00 PREREQUISITES: 0101, 0102, and 0103 & the recommendation of the instructor.**

## BUSINESS

### **0304. YEARBOOK – 1 credit**

This course provides approved students the opportunity to participate in the planning, creation, support-building, publishing and sales of the Cory-Rawson Hornet yearbook. Students involved will attain skills in graphic design, photography, writing, publishing, communications, team work, deadline management, and a host of other skills. Participation is dependent upon Yearbook Advisor approval.

### **0305. FUNDAMENTALS OF BUSINESS – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. This is the initial course relating to the Business career field. It will introduce students to specific disciplines offered in Business and Administrative Services. Students will gain competencies in fundamental business activities. They will acquire knowledge of business processes, business economics, relationships, and general business management. Leadership and

communication skill development will also be addressed. Students will plan, actualize and ultimately develop a business plan, complete with a mission statement, goals, and objectives. Technology and its use in business management will be reviewed.

**0306.           MARKETING FUNDAMENTAL PRINCIPLES – .5 credits – first semester course**

This course is offered to students in grades **11, 12**. This course will introduce students to the key principles of Marketing. Students will learn fundamental skills in marketing communication, marketing management, marketing research, and merchandising, as well as professional selling. They will add competencies and knowledge in product, pricing, service management, as well as branding. They will identify and qualify target markets, conduct market and competitive analysis, forecast sales, set goals, establish budgets, and develop a comprehensive marketing plan. Legal and ethical issues will also be addressed, along with communication and leadership skills.

**0307.           STRATEGIC ENTREPRENEURSHIP - .5 credits – second semester course**

This course is offered to students in grades **11, 12**. Students will learn innovative skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will calculate and forecast costs, break-even levels, and sales forecasts. They will develop branding strategies, set prices, establish promotional plans, and manage customer relationships. They will also develop employee plans and levels.

**ENGLISH**

**0401.           AMERICAN LITERATURE /ADVANCED COMPOSITION – 1 credit**

This course is offered to students in grades **11, 12**. The two major thrusts are: (1) A survey of American literature and American ideas from colonial to modern times, and (2) A course in composition aimed at preparation for college writing. **FEE FOR PAPERBACKS**. **PREREQUISITE: 0406 and a 'B' or better in 0407 (Or written permission of instructor)**

**0403.           COLLEGE ENGLISH – 1 credit**

This course is offered to students in grade **12**. This class is a survey of literary classics for college-bound students by authors from around the globe. The class also practices research skills including: using the Internet for research, note-taking, and research paper writing, including several brief research projects and one extensive research paper. **FEE FOR PAPERBACKS**. **PREREQUISITES: 0406, 0407 and a 'B' or better in American Literature/Advanced Composition (Or written permission of instructor)**

**0404. ENGLISH 12 – 1 credit**

This course is offered to students in grades **11, 12**. This course covers units combining literature and composition. Although the focus of English 12 is mainly on novels, this class includes a study of short stories, vocabulary, grammar, reflective essays, and professional writing. **PREREQUISITES: 0406, 0407 FEE FOR PAPERBACKS.**

**0406. ENGLISH 9 – 1 credit**

This course is offered to students in grades **9**. This course covers units combining literature and writing. Units studied usually include: Short stories, the Epic, Shakespeare, novels, non-fiction, drama, journalism and types of writing. Composition practice includes grammar review and essays that require various writing styles.

**0407. ENGLISH 10 – 1 credit**

This course is offered to students in grade **10**. This course is a combination of literature and grammar. Composition and vocabulary are involved in both. A research paper with a focus on the organizational process is required. **PREREQUISITE: 0406 FEE FOR PAPERBACKS.**

**0408. ENGLISH 11 – 1 credit**

This course is offered to students in grades **11, 12**. This course covers units combining American Literature and composition. This includes a review of grammar, spelling and punctuation. Some American novels will be studied in addition to a broad survey of American short stories and poetry. **PREREQUISITES: 0406, 0407. FEE FOR PAPERBACKS.**

**0409. PUBLIC SPEAKING – .5 credits – Semester 1**

This course is offered to students in grades **9, 10, 11, 12**. Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners of spoken information and persuasion. Students study types of speeches, read and listen to model of speeches, and prepare and present their own speeches. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback.

**0410. CREATIVE WRITING - .5 credits – Semester 2**

This course is offered to students in grades **9, 10, 11, 12**. The creative writing course is designed to challenge and engage students interested in literary creation, providing them with a substantial foundation for further exploration of their creative work. Students will explore different writing techniques and styles as well as develop their own writing skills. Additionally, students must be willing to share their work and ideas with the group

**0411. NOVELS – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. This class will consist of the reading and studying of novels from various genres. We will engage in techniques and practices of reading and enjoying literature. We will analyze and write about the works and explore the basic components of the each genre. Novels may be taken more than once for credit.

## FOREIGN LANGUAGE

### **0504. SPANISH I – 1 credit**

This course is offered to students in grades **8, 9, 10, 11, 12**. Spanish 1 creates a good foundation in pronunciation, as well as learning how to study another language. Beginning vocabulary and useful expressions are learned by using them orally in the classroom and in written assignments. The basic grammar for nouns, adjectives and pronouns are mastered in the first year, along with the present tense of verbs. Students will be exposed to the geography and customs of Spanish-speaking countries and Spanish-speaking areas of the United States. **FEE: \$8.00 fee for a language magazine.** **PREREQUISITE: "C" OR BETTER IN ENGLISH.** *Eighth-grade students should have the approval/recommendation of their seventh-grade English teachers.*

### **0505. SPANISH II – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. The second year begins with a thorough review and continues to expand the vocabulary. More emphasis is placed on reading for comprehension, and the study of the past tense is completed this year. Students will continue to develop an appreciation for Hispanic cultures through a variety of materials. **FEE: \$8.00 for a language magazine.** **PREREQUISITE: "B" OR BETTER IN SPANISH I.**

### **0506. SPANISH III – 1 credit**

This course is offered to students in grades **10, 11, 12**. In Advanced Spanish, all verb tenses are reviewed. The future, conditional, and present and past perfect tenses along with the subjunctive mood are taught and the total knowledge of Spanish is applied to the reading of Spanish writings, both literary and practical. Students will communicate through a wide variety of techniques. The culture, history, and geography of Spain and Mexico are studied more in depth than in previous years. **NOTEBOOK FEE: \$5.00 for a verb guide.** **PREREQUISITE: "B" OR BETTER IN SPANISH II.**

### **0507. CULTURE OF SPAIN AND LATIN AMERICA – 1 credit**

This course is designed as a culture (not language) course and **does not** count towards the foreign language requirement for an Honors Diploma. It is designed for all students regardless of if they have taken or plan to take Spanish. Each 9 weeks we will explore a different region (Spain, Caribbean, Mexico and Central America, South America). The culture will be explored through books, movies, travel information, music, and current events. Course availability depends on number of interested students and time in the teacher's schedule. Because the course is segmented, it may be taken either semester or for the entire year. **FEE: \$10 to purchase materials.**

### **0508. SPANISH IV – 1 credit**

This course will focus on improving communication skills using grammar learned in levels 1, 2, and 3. Some new grammar will also be taught. Topics related to the culture of the Spanish-speaking parts of the world will be explored in the Spanish language and students will read and view authentic language sources. In addition, students will write and present information about various topics in Spanish.



## MATHEMATICS

*\*Students will need a TI-83/84+ for Accelerated Algebra 2 and Pre-Calculus.\**

**0701. ACCELERATED ALGEBRA 1 – 1 credit**

Students will look at the positive and negative numbers, linear and quadratic equations, algebraic fractions and the real number system.

**0702. ACCELERATED ALGEBRA 2 – 1 credit**

This class is a review of Algebra I, plus a study of quadratic functions, complex number systems, conic section, logarithms and trigonometry. **PREREQUISITE: 0704**

**0704. ACCELERATED GEOMETRY – 1 credit**

This class is a deductive look at Euclidean Geometry. **PREREQUISITE: 0701**

**0705. PRE-CALCULUS – 1 credit**

This course is designed for the highly motivated student who has a strong background in both algebra and geometry. Students will explore, graph and solve problems with algebraic, trigonometric, exponential and logarithmic functions and study conic sections. Additional advanced algebraic topics will be addressed.

**PREREQUISITE: 11<sup>th</sup> or 12<sup>th</sup> grade. 0702**

**0706. APPLIED ALGEBRA – 1 credit**

This class is an introduction to algebra concepts including solving equations, negative numbers and graphing.

**0707. ALGEBRA – 1 credit**

This class is a continuation of Intro to Algebra. This class will look at positive and negative numbers, linear and quadratic equations, algebraic fractions and the real number system. **PREREQUISITE: 0706**

**0708. GEOMETRY – 1 credit**

This class is an introduction to geometry concepts, including writing proofs and a deductive look at Euclidean Geometry. **PREREQUISITE: 0707**

**0709. ALGEBRA 2 – 1 credit**

This class is a review of Geometry or Algebra I, plus a study of quadratic functions, complex number systems, conic section, logarithms and trigonometry. This course is intended for the students who are not planning on attending a 4 year college. **PREREQUISITE: 0707 or 0701**

**0710. CONSUMER MATH - .5 credits – Semester 1**

This course will focus on the fundamental concepts that students will eventually face in everyday financial situations, such as wages, budgets, banking accounts and loans, credit card purchases, sale items, sales tax, vehicle purchases and even the purchase of a home. Students will learn strategies for critical thinking and problem solving. **PREREQUISITE: 11<sup>th</sup> or 12<sup>th</sup> grade**

**0712. STATISTICS – .5 credits – Semester 2**

The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course will focus on independent and dependent events, probability distributions including normal distributions, measures of central tendency, and organizing and displaying data. Students use technology, investigations, and problem solving as they build conceptual understanding. **PREREQUISITE:** 11<sup>th</sup> or 12<sup>th</sup> grade

**0713. TRIGONOMETRY - .5 credits – Semester 1**

This Semester course will include Pythagorean relationships, trigonometric functions, right triangle trigonometry, angles of rotation and radian measure, graphs of trigonometric functions, trigonometric formulas and identities, and polar coordinates. **PREREQUISITE:** 11<sup>th</sup> or 12<sup>th</sup> grade. Passed Geometry with at least a C-. Can be taken along with Alg 2

**0714. PROBABILITY - .5 credits – Semester 2**

This Semester course will include an introduction to counting and probability topics such as mean, median, and mode; independent and dependent events; combined probability; fundamental counting principle; permutations and combinations, Pascal's triangle, geometric probability, the Binomial Theorem. **PREREQUISITE:** 11<sup>th</sup> or 12<sup>th</sup> grade. Passed Geometry with at least a C-. Can be taken along with Alg 2

## MUSIC

**0801. BAND – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. The band meets daily with total emphasis from August to the beginning of November on developing marching and playing fundamentals. The marching band is featured during football halftime performances, competition shows and area festivals/events. Beginning in November, concert season includes Christmas, Winter and Awards Concerts as well as participation in District Band Large Group Adjudicated Events. Students are expected to work individually and collectively to increase their musicianship. In addition, some students elect to try out for All-State, District 3 and Hancock County Festival Bands. Other events include solo and ensemble contests. Band is open to any student who wants to or has learned to play an instrument. Flag Corps members must be in the band and are selected each year in the spring through a tryout process. All performances during the school year are required and absence will result in a lowered grade for that grading period.

**0802. CHORALE – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. This class meets one period daily and allows singers to mature individually and collectively. The choir performs in four concerts per year: Choral Invitational, Christmas, Winter, and Spring Awards. Chorale also performs at graduation. Chorale participates in the O.M.E.A. band and choir adjudicated events. Attendance at all performances is required. Grades are based on points earned during rehearsals, quizzes and performances. Members may audition for the C-R Impressions, participate in the O.E.M.A. solo and ensemble contest, audition for the Honors Choirs, (All-State, All-District and All-County) and participate in the musical, which is given every two years.

**0803. MUSIC THEORY (ONLINE) – .5 credits**

This course is offered to students in grades **9, 10, 11, 12**. The course requires no prior instrumental, vocal, or music theory study. Using the piano keyboard as a visual basis for comprehension, the course materials explore the nature of music, integrating these concepts: rhythm and meter, written music notation, the structure of various, scale types, interval qualities, melody and harmony, building of chords, transposition. Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas. **While this is an online course, students will be meeting weekly (before or after school) to reinforce material as well.**

**PHYSICAL EDUCATION & HEALTH**

**0902. HEALTH – .5 credits – 1 semester course**

This course is offered to students in grades **9, 10**. This course is a study of the following topics: personal care, nutrition, weight management, effects of alcohol, tobacco, and other drugs on the body, relationships, sexual transmitted diseases, contraceptives, and Adult and Child CPR. **FEE \$10.00 FOR SUPPLIES.**

**0903. INDIVIDUAL AND TEAM SPORTS – .25 credits – one semester course**

This course is offered to students in grades **9, 10, 11, 12**. Physical Education is the teaching of skills and attitudes in play activities. Students will be involved in both individual and team sport activities. Areas covered include, motor skills, physical fitness, social skills, and athletic skills. Activities may include football, soccer, volleyball, weight training, ping pong, pickle ball, badminton, baseball, and hockey.

**0905. WEIGHTLIFTING – .25 credits – one semester course**

This course is offered to students in grades **11, 12**. Weightlifting will review and build upon those concepts learned in Fitness for Life class. The emphasis will be placed on weight training which will include learning how to develop a weight training program and evaluating that program.

## SCIENCE

### **1101. BIOLOGY I – 1 credit**

This course is offered to students in grade **9**. A general overview of both plants and animal worlds will be covered. Biology is the first step in the complex and complete of the living world. **LAB FEE**  
**PREREQUISITE: 1105 (PHYSICAL SCIENCE).**

### **1102. BIOLOGY II – 1 credit**

This course is offered to students in grades **11, 12**. This course is the study of plant and animal taxonomy, structure, and function. This is a continuation of the studies started in Biology I. **LAB FEE** **PREREQUISITE: At least a “C” in 1101, (BIOLOGY I).**

### **1103. ANATOMY/PHYSIOLOGY – 1 credit**

This course is offered to students in grades **11, 12**. This class is the study of the human body, structure, and function. This course is designed for students intending to enter the human health profession or exercise sciences. **LAB FEE** **PREREQUISITE: At least a “B” in 1101 (BIOLOGY I) and PERMISSION OF INSTRUCTOR.**

### **1104. CHEMISTRY – 1 credit**

This course is offered to students in grades **11, 12**. This class is the study of the properties of matter and is divided into lab, class, and problem-solving areas. Since students will be working with a variety of chemicals, safety will be stressed. **LAB FEE** **PREREQUISITE: ‘C’ in 0702 (GEOMETRY) or PERMISSION OF INSTRUCTOR.**

### **1105. PHYSICAL SCIENCE – 1 credit**

This course is offered to students in grade **10**. This course is a survey of the physical world. Areas of study include motion, energy, electricity, matter, and space. **LAB FEE**

### **1106. PHYSICS – 1 credit**

This course is offered to students in grade **12**. This course is divided into mechanics, electronics, electromagnetic radiation, and sound. **LAB FEE** **PREREQUISITE: ‘C’ or better in 0703 (ALGEBRA II) and 1104 (CHEMISTRY) or PERMISSION OF INSTRUCTOR.**

### **1109. ORGANIC CHEMISTRY – 1 credit**

This course is offered to students in grade **12**. This class is the study of the branch of chemistry that is based on carbon and organic compounds, especially hydrocarbons. **PREREQUISITE: HAVE TAKEN CHEMISTRY AND RECEIVED A “B” OR BETTER.** **LAB FEE**

### **1110. ENVIRONMENTAL SCIENCE – 1 credit**

This course is offered to students in grades **11, 12**. The class focus is on the function, different relationships and interactions within the surrounding environment.

### **1111. ROBOTICS – 1 credit**

This course is offered to students in grades **11, 12**. **This multimedia curriculum is an ideal introduction to robots in a high school classroom.** Our course will use an engaging program to teach STEM concepts utilizing the LEGO Mindstorms NXT Robots. Students learn how to program basic robot behaviors using motors and rotation, sound, light, touch and ultrasonic sensors. Fifteen in-depth research lessons are based on real-world robots. Step-by-step videos and teacher interaction teach students how to use the programming language, build robots, basic robot behavior, use of sensors, robot competition, etc. **Students will start by learning basic robot building instructions, programming and movement** then move on to working with

sensors and more complex robot behaviors. Twelve in-depth research projects cover key STEM concepts, step-by-step programming instructions, and many challenge questions to reinforce key educational outcomes. **This course is limited to 6 Juniors and Seniors with a B or better in Algebra II or permission of the instructor.**

## **SOCIAL STUDIES**

### **1201. AMERICAN HISTORY – 1 credit**

This course is offered to students in grade **10**. In this course, students begin where 8<sup>th</sup> grade American History left off. We will examine the story of the United States since 1877. The course will focus on both the political, cultural, and economic developments of the last 130 years. Special emphasis will be placed on how American citizens' lives were affected during the wars and interwar years. To that end, we will spend time studying World War II, the Cold War, the Civil Rights Movement, and the Vietnam War. Every effort will be made to cover the more recent events of the last two decades, as those present the most immediately relevant topics for high school students. Multi-media presentations, music, and films are used to help students “see” and “hear” the events which have shaped the modern world we live in.

### **1202. ECONOMICS & FINANCE - .5 credits**

This course is offered to students in grades **11, 12**. Students are introduced to the basics of economic principles, and how they relate to individuals in their daily life as well as to government and business. They explore different economic systems, including the American free enterprise system, analyze and interpret data, and consider economic applications in today's world, while an emphasis will be put on economic issues and decisions that students will soon face themselves as young adults. From economics in the world of business, money, banking, and finance, students see how economics is applied both domestically and globally.

### **1203. UNITED STATES GOVERNMENT – 1 credit**

This course is offered to students in grades **11, 12**. This course uses the perspective of political institutions to explore government history, organization, and functions. Students encounter the political culture of our country from the Declaration of Independence to the present day, gaining insight into the challenges faced by presidents, members of Congress, and other political participants. A large emphasis will be laws in the American constitutional system, and which rights the American government guarantees its citizens. Students also examine how the world is organized politically and how civic participation in the American political system compares to that in other societies around the world today. The course also covers the roles of political parties, interest groups, the media, and the Supreme Court. Students learn to use primary historical documents as evidence in evaluating past events and government functions.

**1205. CONTEMPORARY CIVICS – .5 credits – Semester 1**

This course is offered to students in grades **11, 12**. Street Law is a practical guide in law-related issues. The material covers a wide variety of laws which students should be concerned with now. The course is designed to include a great deal of discussion concerning laws and how they affect them.

**1208. WORLD STUDIES – 1 credit**

This course is offered to students in grade **9**. Students will continue the chronological study of world history from the age of Enlightenment to the present day. As we study historic eras, we will consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens, continue to develop research skills, and prepare for the Ohio Graduation Test.

**1209. CURRENT EVENTS – .5 credits – Semester 2**

This course is offered to students in grades **11, 12**. This class takes a close look at current issues facing the United States. Foreign and domestic policy and cultural issues will be discussed in a variety of ways. Interactive lessons, including PowerPoint presentations, videos, and class discussions will drive the class. Material fee: New York Times Upfront magazine subscription.

**1212. PSYCHOLOGY – .5 credits – Semester 1**

This course is offered to students in grades **11, 12**. A survey course will expose students to many of the fields of interest within Psychology. Topics covered will be the more familiar personality development, altered states of consciousness (sleep, dreams and hypnosis) learning, memory, and abnormal behavior. Students will also study the biological basis of behavior, motivation, sensation and perception. Vocabulary is an essential part of psychology, therefore, vocabulary is emphasized.

**1213. SOCIOLOGY – .5 credits – Semester 2**

This course is offered to students in grades **11, 12**. This class is a survey format class that introduces basic concepts, perspectives and approaches to society as a whole, focusing on the social atmosphere that helps to make us who we are and the society that influences our behavior. Sociology will cover topics such as culture, violence, deviance, social control, socialization, personality, group behavior, social class and social institutions. The key component of this course is to study ourselves and the society that influences our behavior.

**AGRICULTURAL SCIENCE**

**1431. AGRICULTURE, FOOD AND NATURAL RESOURCES – 1.25 credits**

**This course is offered to students in grade 9 -or- 1<sup>st</sup> year Agriculture students.**

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the breadth of the Agricultural and Environmental Systems career field. Students will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. In addition, students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and record keeping skills. **This is a MANDATORY first year agriculture education class.**

**1432. ANIMAL AND PLANT SCIENCE – 1.25 credits**



In this course, students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to animal body systems, plant structures along with the growth and reproductive practices of both. Students will evaluate conditions of animals and plants for their general welfare. Business principles will be examined along with the professional skills needed for success in these career areas. **PREREQUISITE: Agriculture, Food and Natural Resources. This is a MANDATORY second year agriculture education class.**

**1434. BUSINESS MANAGEMENT FOR AGRICULTURAL AND ENV'L SYSTEMS – 1 credit**

Students will examine elements of business, identify organizational structures and identify and apply management skills. Students will develop business plans, financial reports and strategic goals for new ventures or existing businesses. In addition, students will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism used in the business of agriculture and environmental industries while implications of business regulations will be identified.

**PREREQUISITE: Agriculture, Food and Natural Resources AND Animal and Plant Science.**

**1435. ANIMAL ANATOMY & PHYSIOLOGY – 1 credit**

Students will examine the structure and functions of the major organ systems as well as the functions and principles of blood flow in animals. Students will study internal and external anatomical parts and their functions, along with the relationship among systems within the body of animal. Throughout the course, students will apply the inner workings of anatomical structures to the business and industry principles of the animal industry. **PREREQUISITE: Agriculture, Food and Natural Resources AND Animal and Plant Science.**

**1436. MECHANICAL PRINCIPLES – 1 credit**

Students will engage in the engineering principles utilized in animal and plant production systems. Topics include electrical theory, design, and wiring of agricultural and environmental systems. In addition, students will learn metallurgy in relation hot and cold metals along with sheet metal fabrication. Furthermore, learners will engage in hydraulic and pneumatic theory and small air cooled engine repair and maintenance. Throughout the course, students will learn critical components of site and personal safety along with communication and leadership skills. **PREREQUISITE: Agriculture, Food and Natural Resources AND Animal and Plant Science.**

**1437. GREENHOUSE AND NURSERY MANAGEMENT – 1 credit**

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. Students will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. In addition, students will learn pest and disease identification and control along with bio-security practices. Furthermore, students will demonstrate propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills related to the greenhouse and nursery industries will be emphasized. **PREREQUISITE: Agriculture, Food and Natural Resources AND Animal and Plant Science.**

**1438. AGRICULTURAL AND ENVIRONMENTAL SYSTEMS CAPSTONE – 1 credit**

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. **PREREQUISITE: Agriculture, Food and Natural Resources, Animal and Plant Science, and one other agriculture education class.**

**OPTIONAL CO-OP:** Students may receive additional credit by taking part in a Co-Op/Work release option. Records of hours worked will need to be kept up to date in order to receive full credit. An

agreement between the school, instructor and employer designating student's responsibilities will need to be signed. Experience will count toward student's SAE.

### **FAMILY & CONSUMER SCIENCE**

#### **1510. GLOBAL FOODS – .5 credit – Semester 2**

This course is offered to students in grades **9, 10, 11, 12**. In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. **LAB FEE.**

#### **1514. FOOD SCIENCE (CREATIVE FOODS) – .5 credit – Semester 1**

This course is offered to students in grades **9, 10, 11, 12**. In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situation. Food safety and sanitation techniques will align to industry-recognized certifications. **LAB FEE.**

#### **1515. INTERIOR DESIGN, FURNISHINGS, AND MANAGEMENT - .5 credits – Semester 2**

This course is offered to students in grades **9, 10, 11, 12**. In this Family and Consumer Sciences career field course, students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. **LAB FEE.**

#### **1516. BEGINNER SEWING - .5 credits – Semester 1**

This course is offered to students in grades **9, 10, 11, 12**. Learn basic sewing skills, sewing machine & tool basics, sew seams & construct a simple pillow! Students will learn pattern design and quilt layout. Students will also learn textile skills they will need for Textile Design, Construction and Maintenance. **LAB FEE.**

#### **1517. TEXTILES & INTERIOR DESIGN - .5 credits - Semester 1**

This course is offered to students in grades **9, 10, 11, 12**. In this course students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability. **LAB FEE.**

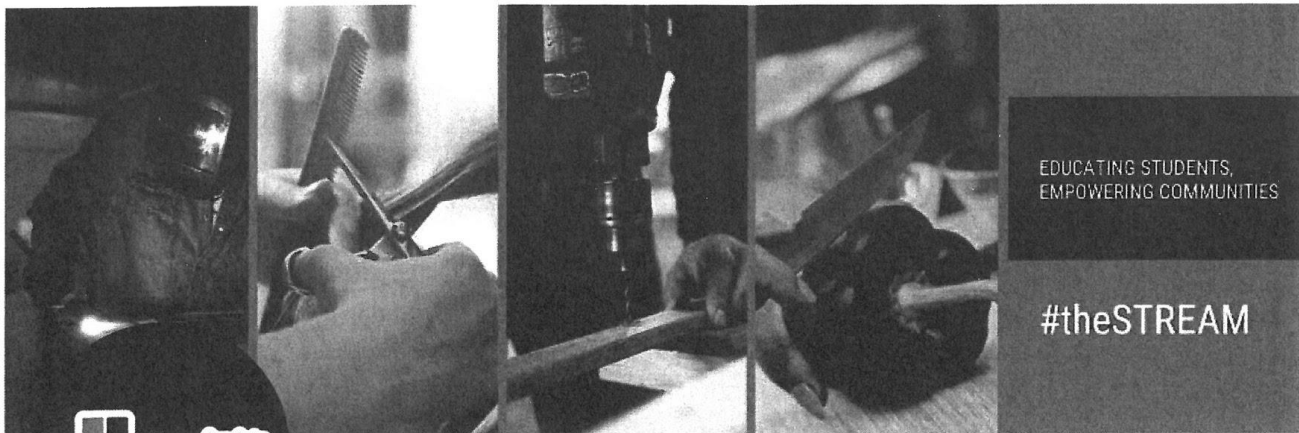
#### **1518. FASHION DESIGN - .5 credits - Semester 2**



This course is offered to students in grades **9, 10, 11, 12**. In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments. **LAB FEE**.

**1519. LEADERSHIP & COMMUNITY ENGAGEMENT – 1 credit**

This course is offered to students in grades **9, 10, 11, 12**. In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues and community and global engagement. **LAB FEE**.



## JUNIOR/SENIOR PROGRAM OFFERINGS

### **Automotive Technology**

Automotive Shop Safety and Foundations, Brakes, Engine Performance, Electrical/Electronics, Steering and Suspension

### **Business Technology**

Office Assisting, Clerical Services, Graphic Design, Print Production, Small Business Experience

### **Computer Networking & Support**

CISCO Training, Computer Troubleshooting, IT Engineering & Management; Network: Design, Installation, Maintenance & Security

### **Computer Programming**

Software Development Technology, Program Development, Acquisition of Computer Language, Program Simulation

### **Construction Skills**

Site Preparation, Demolition & Renovation, Framing, Masonry, Electrical, Plumbing, Green Technology, Roofing

### **Cosmetology**

Hair Styling, Coloring; Spa Techniques: Nails, Pedicure, Nail Enhancements, Nail Art, Massage, Skin Care, Make-Up Techniques

### **Culinary Arts**

Food Safety & Sanitation, Menu Planning, Cooking Techniques, Food as Art, Plate Presentation, Customer Service

### **Engineering & CAD Technology**

3-D Design, SolidWorks, ArchiCAD, Hydraulics, Pneumatics, Electronics, Robotics, Industrial Plastics Molding, Architectural Design, Model Building

### **Health Professions**

Facility/patient infection control, safety practices, State Tested Nurse Aide Training and ODH quality of core requirements, Medical Terminology, Diversified Health Occupations, Phlebotomy

### **Hospitality & Restaurant Services**

Food Safety & Preparation, Customer Service, Facility Maintenance, Linen Services, Housekeeping

### **JTC (Job Training)**

Career preparation, financial literacy, business readiness, health literacy, safety, communication, customer service, problem solving, critical thinking

### **Marketing**

Foundations of Business, Entrepreneurship, Customer Relationships, Market Research

### **Media Production & Visual Design**

Audio / Video Production, Broadcasting Techniques, Photography, Cinematography, Journalism

### **Performing Arts**

Acting Performance, Acting & Script

### **Teaching Professions**

Child Development, Instructional Activities, Learning Center Design, Supervision, Bulletin Board Design, Positive Guidance, Training in Communicable Disease, Child Abuse, First Aid and CPR

### **Welding**

Welding Safety, Fabrication, Welding Engineering & Design, Sculptures, Cooperative Work Experience

## NCAA Eligibility Center

If you want to play NCAA sports, you need to register with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). You should plan to register towards the end of junior year of high school.

If you have questions about your eligibility or the registration process, this guide will help you: <http://www.ncaapublications.com/productdownloads/CBSA18.pdf>. You also can search our frequently asked questions at [ncaa.org/studentfaq](http://ncaa.org/studentfaq). Finally, you can call us toll free at 877-262-1492.

The information below is intended to help walk you through the registration process.

- **Choose from our two account types to get started:**
  1. *Certification Account:* You need to be certified by the NCAA Eligibility Center to compete at an NCAA Division I or II school. You also need to be fully registered with a Certification Account before you can make official visits or sign a National Letter of Intent in Division I or II.
  2. *Profile Page:* If you plan to compete at a Division III school or currently are not sure in which division you want to compete, create a Profile Page. If at any time you wish to pursue a Division I or II path, you will be able to transition to a Certification Account. You may not move from a Certification Account to a Profile Page.
- **For Certification Accounts, please allow between 30 to 45 minutes to register completely.** If you need to exit and come back at a later time, you can save and exit once your account is created. Reference the “Help” section located in the top task bar at any time to answer your questions as you work through registration.
- **Below are some items you should have with you as you create an account:**
  1. *Valid personal e-mail*
  2. *Basic student information*
  3. *Student education history*
  4. *Student sports participation history*
  5. *Payment (certification accounts only)*

**\*Check out the resources listed above for any questions, or see Mrs. McFarland or Mr. Hirschy!**