

# **Orrville High School**

## **COURSE DESCRIPTION**



**2025-2026**

## **HOW TO USE THE 2025-2026 COURSE DESCRIPTIONS GUIDE**

**Rev 11/12/2024**

Students and their parents should read the General Information section at the beginning of this booklet to acquaint themselves with Orrville High School and its policies. Students and their parents should thoughtfully consider the information in the course description part of this booklet and choose the classes the student should take next year.

All students have a group orientation with their counselor, describing classes available to them at their grade level for the coming year. They should discuss these choices with their parents. The student's course selections for the following year are reviewed to make sure that the student is progressing toward graduation, and is enrolled in the classes necessary to prepare for his or her educational goal. Parents are encouraged to play an active role in the scheduling process.

Every effort is made to schedule students into the classes that they have selected. Occasionally, conflicts may arise where students must be placed in an alternate class because of scheduling difficulties. Each conflict is resolved after consulting with the student, if possible. Schedule changes are discouraged after the registration process has been completed, to ensure reasonable class sizes and balanced teaching loads.

### **GENERAL INFORMATION**

### **GRADUATION REQUIREMENTS**

Please refer to the OHS Guidance Webpage for current graduation requirements

### **CREDITS**

One credit is awarded for each academic course that meets one period daily for 36 weeks (a year course). One-half credit is awarded for each course that meets one period daily for 18 weeks (semester course). Three or Four College Credit Plus credits equal 1 high school credit; likewise, 2 CCP credits = 0.66 HS, 1 CCP credit = 0.33 HS

<u>Exceptions:</u>	P.E. 9 & 10	18 wks.	$\frac{1}{4}$ Credit
	Community Service	18 wks.	$\frac{1}{4}$ Credit
	Conservation of Parks	36 Wks.	$\frac{1}{4}$ Credit

### **CLASS RANK**

Class Rank is determined by computing the grade point average of all students. This is done at the end of each semester, and all subjects are included when determining the grade point average except Physical Education and ACT Prep, Community Service, and Financial Literacy/Career Connections, which is "P" or "F".

### **STUDENT CLASS LOAD REQUIREMENTS**

All high school students not in the College Academy must be registered for a minimum of seven classes which will allow them one study hall. Students will be allowed to drop below the seven-class minimum only in extenuating circumstances with the permission of the principal. College Academy students are required to take a minimum of five (5) classes per semester (exceptions may apply in instances where CCP credits exceed 30 for the year).

## **SCHEDULE CHANGE PROCEDURES**

**ALL REQUESTS** for schedule changes will be governed by the following guidelines.

1. Students will receive a verification of registered courses by the beginning of May.
2. Each grade will be given a window within May when “change of mind” schedule changes will be permitted.

## **GRADING SYSTEM / G.P.A.**

Grades are assigned by each teacher on the basis of daily work, written lessons, tests/quizzes, etc. Achievement grades will be given in letters as follows: (60% or higher is required to receive credit for a course)

Percentage Scale:	Letter Grade:	Points:	College Credit Plus Classes – 5 pt. Scale	Percentage Scale:	Letter Grade:	Points:	College Credit Plus Classes – 5 pt. Scale
97 - 100	A+	4.0	5.0	77 - 79	C+	2.3	3.3
93 - 96	A	4.0	5.0	73 - 76	C	2.0	3.0
90 - 92	A-	3.7	4.7	70 - 72	C-	1.7	1.7
87 - 89	B+	3.3	4.3	67 - 69	D+	1.3	1.3
83 - 86	B	3.0	4.0	63 - 66	D	1.0	1.0
80 - 82	B-	2.7	3.7	60 - 62	D-	0.7	0.7
				0 - 59	F	0	0

## **INCOMPLETES**

The number of school days a student may have to make up missed work will be equal to the number of class sessions that have been missed. After this time, the grade for the assignment(s) is an automatic zero. There will be no incompletes given at the end of the year. Assignments not made up by the last day of regular class will automatically receive a zero. The teacher and principal will consider any extenuating circumstances on an individual basis.

## **SUSPENSION OUT OF SCHOOL**

Any student suspended out of school must make up missing school work and will be given credit for it. Assignments will be collected in the office to be picked up. All work will be due the day the student returns.

## **HONOR ROLL**

There are three honor groups announced each nine weeks:

First Honor Group: 4.000 GPA

Second Honor Group: 3.5000 – 3.9999 GPA

Third Honor Group: 3.0000 – 3.4999 GPA

*Students with incompletes at the end of a nine-week grading period **will not** be considered for the honor roll.*

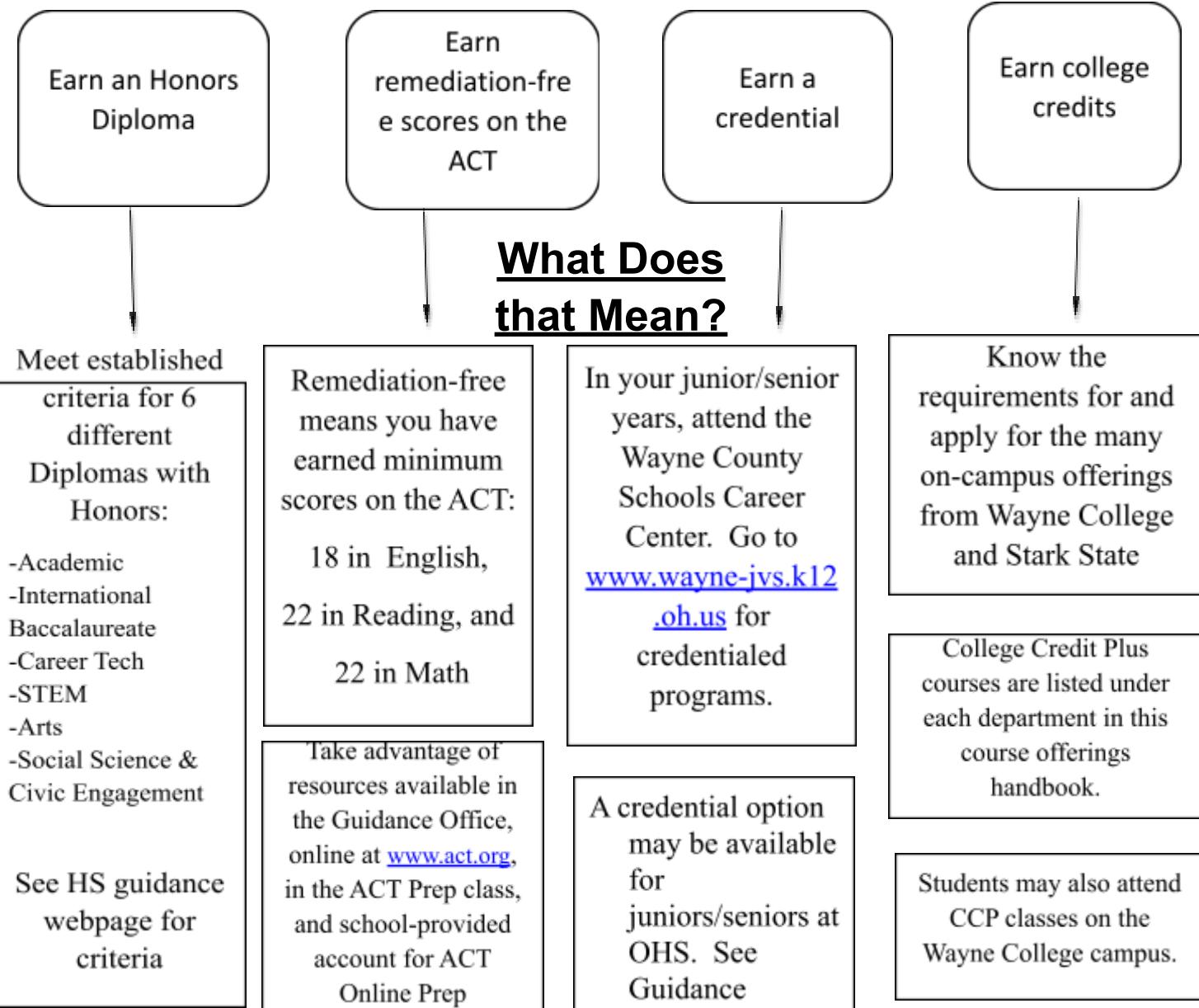
## **TRANSCRIPTS**

Transcripts are available from the Guidance Office for the purpose of college admission, job placement, military enlistment, scholarships, etc. Official Transcripts must be mailed from the Guidance Office. A transcript request must be filled out with a 10 day processing time.

# PLAN AHEAD <> PLAN NOW

**Earning an Orrville High School diploma is an honorable achievement, but strive to make yourself even more college and career ready!**

## Here's How



**Each student will work with the Guidance Counselors to update an individual Graduation Plan annually. A sample of the plan can be found on the guidance webpage.**

### **WAYNE COUNTY SCHOOLS CAREER CENTER**

Orrville High School juniors and seniors have the opportunity with other students from Wayne County to complete their high school education at the Career Center. Students who choose to attend the Career Center will learn career/technical skills that are not offered in their home school, while still earning an Orrville High School diploma. The transition to the Career Center begins with a visitation in November of a student's sophomore year followed by an application deadline in January. The Wayne County Schools Career Center offers over thirty different career and technical programs for a variety of student ability and interest levels. Descriptions of all programs are available in your OHS Guidance Office or go to: [www.wcscc.org](http://www.wcscc.org)

### **NCAA ELIGIBILITY CENTER**

Students interested in playing sports in college need to view the NCAA Eligibility Center website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) for the requirements to play Div. I & Div. II college sports. At the end of the junior year, a letter will be sent home to all students requesting that if a student is interested in playing sports in college, they will need to register on the NCAA Clearinghouse website. If a student is on free or reduced lunches, a fee waiver is available. See O.H.S. Athletic Office for more information.

### **EARLY GRADUATION**

Students may graduate early if they have demonstrated a scholastic aptitude or technical readiness, if there is a financial need for early entrance into the labor market or if health or family concerns would be served by completing educational requirements early. Students must apply to their counselor in writing, with parental approval, if they desire to complete their program in 3 or 3 ½ years. The principal will receive all requests and make the final decision. Students graduating early must earn 21 units required of all graduates and have completed all graduation requirements. Additional credits may be earned in summer school (not credit recovery). \*Once contract is made, the student will not be permitted to go back to junior year status.

## **COLLEGE CREDIT PLUS**

Orrville High School students who qualify can now enroll in the College Credit Plus option to receive college credit while in high school. Students can receive credit from the following colleges/universities:



*The University of Akron*



*Stark State College*

Admission requirements, classes available, deadlines and more information are available in the O.H.S. Guidance Office. A general information meeting will be available to all students. Specific guidelines are spelled out in a separate College Academy brochure.

<u>Univ of Akron/Wayne College Course</u>	<u>College Credits</u>	<u>Course Description is listed under Department:</u>	<u>Course meets gen ed requirements for Univ of Akron in:</u>
Concepts in Health & Fitness	3.0	Health & PE	
English Composition I	3.0	English	Writing
English Composition II	3.0	English	Writing
Public Speaking	3.0	Communications	Speaking
Algebra for Calculus	4.0	Mathematics	Mathematics, Statistics and Logic
Precalculus Math	4.0	Mathematics	Mathematics, Statistics and Logic
Basic Statistics	3.0	Mathematics	Mathematics, Statistics and Logic
Analytic Geometry-Calculus I	4.0	Mathematics	Mathematics, Statistics and Logic
Earth Science & Lab	4.0	Science	Natural Sciences
Intro to the Oceans	3.0	Science	Natural Sciences
Chemistry for Everyone	4.0	Science	Natural Sciences
Light (Physics) & Lab	4.0	Science	Natural Sciences
Government & Politics in U.S.	3.0	Social Studies	Social Sciences
U.S. History to 1877	3.0	Social Studies	Social Sciences & Domestic Diversity
Intro to Ethics (or Philosophy)	3.0	Social Studies	Humanities
Empires of the Ancient World	3.0	Social Studies	Humanities & Global Diversity
Technology and Human Values	3.0	Social Studies	Complex Issues Facing Society
Beginning Spanish I	4.0	World Languages	
Beginning Spanish II	4.0	World Languages	
Exploring Music: Bach to Rock	3.0	Fine Arts	Arts

<u>Stark State College Course</u>		
Computer Apps for Professionals	3.0	Technology
Graphics Arts Design	3.0	Technology
3D Graphics Modeling	3.0	Technology
Macroeconomics	3.0	Business
Business Analysis with Algebra	3.0	Business
Principles of Marketing	3.0	Business
Business Law and Ethics	3.0	Business
Financial Accounting	3.0	Business
Business Administration	3.0	Business

Principles of Management	3.0	Business
Managing Entrepreneurial Growth	3.0	Business
Entrepreneurship	3.0	Business
Human Resource Management	3.0	Business
Global Entrepreneurship	3.0	Business
Microeconomics	3.0	Business

Meets gen ed req for UA Social Sciences  
(Rev. 11/12/24)

### **SAMPLE PATHWAY TO MAXIMIZE COLLEGE ACADEMY OFFERINGS at OHS**

University of Akron/Wayne College

#### **11<sup>th</sup> grade**

<u>Fall</u> 14 credits	<u>Spring</u> 15 credits
English Composition I	English Composition II
Algebra for Calculus	Precalculus
Government & Politics	U.S. History to 1877
Beginning Spanish I	Beginning Spanish II

#### **12<sup>th</sup> grade**

<u>Fall</u> 14 credits	<u>Spring</u> 16 credits
Empires of the Ancient World	Intro to Ethics or Philosophy
Analytic Geometry-Calculus I	Basic Statistics
Public Speaking	Light (Physics & Lab)
Chemistry for Everyone	Technology & Human Values
	Bach to Rock

*Other Science options – Earth Science & Lab, Intro to the Oceans*

### **BUSINESS PROGRAM**

Stark State College

#### **11<sup>th</sup> grade**

<u>Fall</u>	<u>Spring</u>
Entrepreneurship	Managing Entrepreneurial Growth
Business Administration	Global Entrepreneurship
Business Analysis	Principals of Management
	Financial Accounting

#### **12<sup>th</sup> grade**

<u>Fall</u>	<u>Spring</u>
Microeconomics	Human Resource Management
Business Law & Ethics	Global Entrepreneurship
Principals of Marketing	Macroeconomics

(Rev. 11/12/24)

THE WAYNE COUNTY SCHOOLS CAREER CENTER ALSO HAS A TWO-YEAR BUSINESS PROGRAM  
(JUNIOR/SENIOR YEARS)

## HEALTH and PHYSICAL EDUCATION

<b>0011</b>	<b>Physical Education</b>	<b>.25</b>
Orrville High School Physical Education is a <b>required course</b> . All students must receive a total of $\frac{1}{2}$ credit for the Freshmen and Sophomore years to graduate from high school in the State of Ohio.		
<b>Activities may include:</b> Lifelong Fitness, Badminton, Indoor Soccer, Speed Ball, Softball/Wiffle Ball, Flag Football, Foot Golf, Cooperative Games, Archery, Golf, Bocce Ball, Corn Hole, Walking, Basketball, Hand Ball & Tennis/Pickle Ball.		
<b>General Information:</b> All Classes are co-educational. Physical Education will be offered as a semester class. Evaluation for physical education will be pass/fail (P/F).		
<b>041</b>	<b>Health (Grade 10)</b>	<b>.50</b>
The topics discussed in the course include: chemical education, including alcohol and tobacco, sex education, safety, first aid, and a wellness unit, which includes nutrition. Health is taken every day for one semester.		
<b>042</b>	<b>Fitness and Nutrition (Grade 11 &amp; 12)</b>	<b>.50</b>
This class is an elective semester course offered for Juniors and Seniors who have met their physical education requirement. In this course the students will learn how to design individual workout plans and understand how nutrition plays a role in their fitness. This course is designed for students who are interested in becoming physically fit. This is a total participation, hands-on course, which includes field trips to a variety of health and wellness centers in our area.		
<b>047</b>	<b>Wellness (Grade 11 &amp; 12)</b>	<b>.50</b>
<b>Course Description:</b> This course applies current principles and facts pertaining to the importance of physical fitness and wellness, proper nutrition and stress management. The focus of this class is on healthy living; not athletic performance.		
<b>051</b>	<b>Essential of Strength Training (Adv Weight Training) (Grade 11 &amp; 12 &amp; Grade 10 with approval)</b>	<b>.50</b>
The benefits resulting from regular physical activity are well documented. This class offers a comprehensive review of the research linking physical activity to health, the U.S. Department of Health & Human Services released the <i>2008 Physical Activity Guidelines for Americans</i> , the first comprehensive guidelines on physical activity to be issued by the U.S. government. These guidelines list major research findings regarding physical activity and its associated health benefits: The book used in the class is the ACE Personal Trainers manual 4 <sup>th</sup> Edition and Study Guide. Students may be ready to take the Ohio Certified Personal Trainers examination upon completion of this course, and graduation from high school.		

**048CCP****5500:150 Concepts in Health and Fitness (College Academy) semester 1.00**

Introduction to basic health and fitness concepts and related topics. Attention will be given to individual fitness programs emphasizing such topics as aerobic and anaerobic exercises, nutrition, diet, stress and assessment methods and procedures.

**3 College Credits earned from The University of Akron**

## **HEALTH and PHYSICAL EDUCATION (cont.)**

**604 State Tested Nursing Assistant (Senior Only Program) 1.50**

Nurses Aide is one of the fastest growing careers in Ohio. The program includes classroom, lab and clinical experience geared toward providing students with the knowledge and skills necessary to be a state-tested nurses aide (STNA). \*Must pass a WorkKeys test for entrance into the program. **Purchase of some supplies are the responsibility of the student.**

## **ENGLISH**

### **Summer Reading List**

A summer reading list has been created for grades 9 and 10, and one has been created for grades 11 and 12. Each English student is expected to select a book from his/her grade level list to read before the start of school. The student should take notes, as students will be expected to complete a project connected to the summer reading during the first two weeks of school. The summer reading lists are available to students in their English class in the spring and can be found on the school webpage during the summer.

**112 English 9 1.00**

The coursework in English 9 adheres to Ohio's Learning Standards. The standards are divided into Reading, Writing, Speaking and Listening, and Language strands. The instruction is aligned so that students can meet requirements of college and career readiness. The reading instruction focuses on opportunities to read and comprehend a broad variety of literature, however there is an emphasis on a specific category of informational text – literacy nonfiction. The writing component is a development of three reinforcing writing capabilities: writing to persuade, to explain, and to inform. It stresses the importance of the writing/reading connection by requiring students to draw upon and write about evidence from literary and informational text. The speaking and listening standards require students to develop a range of useful oral communication skills and use media to help achieve communicative purposes. Language is another component and includes the essential rules of standard written and spoken English. **NCAA Approved**

**Summer Reading Required**

**113 Honors English 9 1.00**

In addition to Ohio's Learning Standards, the English 9 Honors coursework and instruction explore these elements at a much greater depth. The students are also required to read an independent novel each semester.

**NCAA Approved**

**Summer Reading Required**

**122 English 10 1.00**

Coursework in English 10 adheres to Ohio's Learning Standards. Students are given strategies to become better consumers and creators of written, visual, dramatic and spoken communication. Materials explore non-fiction articles, novels, editorials, word-building skills and vocabulary with an emphasis on deciphering difficult passages of literature. English grammar exercises and the application to student writing are also stressed. Students also learn strategies for success on Ohio's State Test for English II. **NCAA Approved**

**Summer Reading Required**

## **ENGLISH (cont.)**

**123 Honors English 10 1.00**

Coursework in Honors English 10 adheres to the Common Core State Standards. Students are given strategies to become better consumers and creators of written, visual, dramatic and spoken communication. Materials explore non-fiction articles, editorials, word-building skills, vocabulary and poetry with an emphasis on deciphering difficult passages of anthology. The honors level does not stop at deciphering these works and passages, but delves deeply into the issues and themes contained in classic literature through Socratic discussions. Students

also learn how the English language has changed and continues to change and evolve. A major focus of the class includes composition for success on Standardized Tests along with techniques for research writing, citation and grammar. **NCAA Approved**

**Summer Reading Required**

**133 English 11 1.00**

Coursework in English 11 adheres to Ohio's Learning Standards and includes activities that empower students' critical and independent reading, writing, speaking, vocabulary and visual communication skills. The writing component includes reflective pieces, response to literature, research papers and persuasive writing. Students read and discuss fiction and nonfiction, focusing on American essays, novels, plays and narratives. Literary conventions and application of grammar exercises to their writing is also addressed. **NCAA Approved**

**Summer Reading Required**

**149 English 12 1.00**

Coursework in English 12 adheres to Ohio's Learning Standards. Students are given reading and writing strategies to use in the classroom and beyond. British Literature is surveyed. A specific focus on life after high school drives each reading, writing and speaking assignment. Non-fiction articles, word-building skills, vocabulary, poetry and long fiction pieces in the anthology create a varied foundation on which to apply the reading strategies. Persuasive, informational, research and functional writings round out this college preparatory course. Students will participate in a job fair. **NCAA Approved**

**Summer Reading Required**

**134 Creative Writing (Grade 9 – 12) .50**

The Creative Writing course is designed to teach students the disciplines of creative composition and to give them practice in its many forms. The course examines the conventions of the metaphor, poetry, fictional and non-fictional prose, and dialogue, which are the foundations of all writing. In a workshop format, students will examine model writing and work on developing their own skills through imitation, exploratory exercises, and revision. Students will receive feedback through peer and teacher conferences. In addition, students will read independently. **NCAA Approved**

**135 Journalism/Media Literacy (Grade 9 – 12) .50**

Media Literacy is a semester class that focuses on understanding mass media in the United States and the practice of journalism. Students become familiar with the First Amendment and how it has been interpreted including privacy, libel, journalistic privilege and public figure. Students will also learn to write more precisely using an Associated Press style manual and the “inverted pyramid” while incorporating quotes from sources. Journalistic ethics will also be discussed and applied as students write stories for possible publication in the OrrViews community newspaper. **NCAA Approved**

## **ENGLISH (cont.)**

**148** **Yearbook (Grade 10 - 12)** **1.00**  
Members of the OHS yearbook staff are selected from interested sophomores - seniors who turn in completed applications by the deadline. Members of the staff will be charged with the creation of our annual yearbook. They must meet deadlines, attend school regularly, demonstrate good judgment, take initiative on their projects and work well with others. Activities will include selling & creating ads, supervising & organizing photo shoots, and designing layouts all of which will document the history of the school year. This class will require some time outside of class.

### **Fine Arts Credit**

**163** **Mythology (Grade 10 – 12)** **.50**  
The Greek alphabet, the thirteen titans, and the twelve main gods are the foundation to this classic literature course. After understanding the lineage, multitudes of short stories will offer explanations for everything from weather, to the sound of an echo in a cave, to the logic behind human nature. Ancient Greek writers offer an exciting look back in time where we find humans being strikingly similar to ourselves. **NCAA Approved**

**157CCP** **3300:111 English Composition I (College Academy)** *semester* **1.00**  
Extensive and varied experience in developing writing skills, with practice in expressive, reflective, and analytic forms of writing. **NCAA Approved**  
**3 College Credit hours earned from The University of Akron**

**160CCP** **3300:112 English Composition II (College Academy)** *semester* **1.00**  
Designed to develop skills in analyzing and writing persuasive arguments. **NCAA Approved**  
**Prerequisite:** English Composition I  
**3 College Credit hours earned from The University of Akron**

## **COMMUNICATIONS**

**136** **Speech (Public Speaking & Debate)** **.50**  
Speech is a one semester class that focuses the basics of the communication process. Organization, preparation and delivery of the major types of speeches will be covered. The class will include units on discussion, mass media, oral interpretation and debate. **NCAA Approved**

**174CCP** **7600:106 Public Speaking (College Academy)** *semester* **1.00**

Principles of communication in speaker-audience, group and informal settings and application of the principles in speeches, group discussions and other oral and written assignments. Cannot be used as credit toward a major in communication. **NCAA Approved**

**3 College Credit hours earned from The University of Akron**

## MATHEMATICS

<b>221</b>	<b>Algebra I</b>	<b>1.00</b>
Algebra I is a full year course that teaches the structure of the real number system which lays the foundation for all future mathematics. This class teaches an organized approach to problem solving skills that require mastery of writing expressions, equations and functions. Students will also master rational numbers, solving and analyzing linear equations and inequalities, developing and using proportional reasoning, graphing relations, functions and analyzing linear and polynomial graphs. Factoring and exponential functions will be explored as well. <b>NCAA Approved</b>		
<b>225</b>	<b>Honors Algebra I</b>	<b>1.00</b>
This covers more material than Algebra I. This course offers a faster pace of the material, with more in depth and challenging problems. Students usually finish the book, and often complete a few chapters of Algebra II.		
<b>231</b>	<b>Geometry</b>	<b>1.00</b>
This class will build upon the skills learned in Algebra I and apply them to solve problems involving Euclidean Geometry. The students will learn properties involving points, lines, planes, polygons, and 3-D objects. Transformations, properties of circles, and geometric probability will also be covered. A special emphasis will be placed upon logical thought, deductive reasoning, and problem-solving skills. <b>NCAA Approved</b>		
<b>235</b>	<b>Honors Geometry</b>	<b>1.00</b>
Honors Geometry covers more advanced concepts and material than that covered in Geometry. An emphasis will be placed on using logical thought to prove relationships between segments, lines, angles, circles, and two and three-dimensional figures. A firm grasp of Algebra and problem solving is required. <b>NCAA Approved</b>		
<b>241</b>	<b>Algebra II</b>	<b>1.00</b>
Algebra II reviews all of the skills learned in Algebra I and takes each skill to a higher level of understanding and difficulty. The new topics covered are working with irrational numbers, quadratic equations, and relations. Logarithms, Conics, imaginary numbers, matrices and polynomial functions are also introduced in the course as well. <b>NCAA Approved</b>		
<b>245</b>	<b>Honors Algebra II</b>	<b>1.00</b>
This class covers more material than Algebra II. The students complete the objectives at a faster pace, and complete more in-depth problems. This course covers all of the objectives that students can expect to have in a college Algebra class. <b>NCAA Approved</b>		

<b>265</b>	<b>Precalculus</b>	<b>1.00</b>
This class is designed to extend the concepts and Algebraic properties taught in Algebra II, while providing an introduction to several Calculus concepts. Some of the topics covered include trigonometric identities and functions, vectors, complex numbers, analytical geometry, conic sections, exponential and logarithmic functions, sequences and series, polynomial and rational functions, nature of graphs, limits, derivatives, and integrals.		

**NCAA Approved**

**Prerequisite:** Algebra II

## **MATHEMATICS (cont)**

<b>275</b>	<b>Probability &amp; Statistics</b>	<b>1.00</b>
The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. A major emphasis will be placed upon: exploring data, sampling and experimentation, finding patterns, and statistical inference. Computer applications and graphing calculators may be used to manipulate data. <b>NCAA Approved</b>		

**Note: This course can be taken after Geometry in place of Algebra II**

<b>277</b>	<b>Pre-College Mathematics</b>	<b>1.00</b>
This class is designed to apply skills mastered in Algebra I, Geometry, and Algebra II. The class will emphasize mathematical applications and projects. A special emphasis will be placed upon where and when mathematics is used and applied, assisting in the transition to college algebra and independent decision making. Functions, financial algebra, and applications of mathematics to business, life, and social sciences will also be explored and analyzed. <b>NCAA Approved</b>		

<b>282CCP</b>	<b>3450:149 Precalculus Mathematics (College Academy)</b>	<i>semester</i>	<b>1.00</b>
This class extends the concepts and algebraic properties taught in Algebra II, while also providing an introduction to several Calculus concepts. A heavy emphasis will be placed on trigonometry and advanced mathematical concepts. Some of the topics covered include trigonometric identities and functions, polar equations, analytical geometry, exponential and logarithmic functions, sequences and series, polynomial and rational functions, and the nature of graphs, limits, derivatives, and integrals. <b>NCAA Approved</b>			

**Prerequisite:** Honors Algebra II & ACT Math Score 24 or CA: College Algebra

**4 College Credits earned from The University of Akron**

<b>292CCP</b>	<b>3450:221 Analytic Geometry - Calculus I (College Academy)</b>	<i>semester</i>	<b>1.00</b>
Analytic Geometry-Calculus I is the first semester of a three-term introductory sequence in analytic geometry and calculus. The same text is used for all three courses. Topics included are the real numbers, analytic geometry, limits, continuity, derivatives, tangent lines, extremes of functions, Rolle's and the Mean Value Theorem, related rates, antiderivatives, definite integrals, areas, and volumes. Chapters One through Six in the text are covered and reflect the first in the series of a three-semester Analytic Geometry-Calculus sequence.			

**NCAA Approved**

**Prerequisite:** CA Precalculus Mathematics with a C- or better or ACT Math Score 28

**4 College Credits earned from The University of Akron**

<b>295CCP</b>	<b>3470:260 Basic Statistics (College Academy)</b>	<i>semester</i>	<b>1.00</b>
This class provides an applied approach to data description and statistical inference. Topics for this class			

include: Gathering and Exploring Data, Probability, Probability Distributions, Sampling Distributions, and Inferential Statistics. A heavy emphasis will be placed on technology and computer applications. **NCAA Approved**

**Prerequisite:** Algebra II & ACT Math Score 22

### **3 College Credits earned from The University of Akron**

291CCP 3450:145 Algebra for Calculus (College Academy) semester 1.00

The course focuses on the study of polynomial, radical, rational, exponential and logarithmic functions and solving linear systems of equations. **NCAA Approved**

**Prerequisite:** Algebra II & ACT Math Score 21

## **4 College Credits earned from The University of Akron**

# SCIENCE

364 Physical Science 1.00

Physical Science focuses on the study of the physical world, as related to topics of chemistry, introductory physics and space sciences. Students will engage in investigations to understand and explain the behavior of the universe, matter, waves, forces, motion and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis and real-world applications. **NCAA Approved**

### **Class Fee Required**

365 Honors Physical Science 1.00

Honors Physical Science is a college preparatory course designed to lay a foundation of basic Physics concepts while expanding the student's experiences in engineering and communications. **NCAA Approved**

**Class Fee Required**

321 **Biology** 8v 1.00

This course, in alignment with Ohio's learning standards, investigates the fundamental concepts of heredity, cells, evolution and the diversity and interdependence of life. **NCAA Approved**

**Class Fee Required**

322 Honors Biology 1.00

This course, in alignment with Ohio's Learning Standards, investigates in further detail the fundamental concepts of heredity, cells, evolution and the diversity and interdependence of life. **NCAA Approved**

### **Class Fee Required**

331 Chemistry 1.00

The chemistry course is a college preparatory class with emphasis on concept mastery, relevant content and problem solving. The course is heavily involved with theoretical fundamentals and provides a solid background for college level chemistry. Emphasis is placed on formula, equation writing, quantitative and analytical applications. A strong algebra background is suggested. The course introduces students to lab equipment and procedures. **NCAA Approved**

### **Class Fee Required**

**355 Anatomy and Physiology 1.00**

Anatomy and Physiology is a full year course designed to provide students with a basic understanding of how structure makes function possible. Students will learn about various diseases and disorders associated with each body system due to the disturbance of typical biological functions. **NCAA Approved**

**Prerequisite:** Biology

### **Class Fee Required**

<b>357</b>	<b>Environmental Science (2025-26)</b>	<b>1.00</b>
This course introduces students to key concepts, principles and theories within environmental science. Topics of Earth's resources, global environmental problems and issues as well as the interconnected sphere of the Earth will be discussed. <b>NCAA Approved</b>		

<b>375</b>	<b>Geology Of National Parks (2026-27)</b>	<b>1.00</b>
This course is an extension of Biology with an emphasis on the study of structure, function, ecology, and evolution at the level of the organism. During each semester, Organismal Biology will concentrate on the function and structure of complex systems and interactions between components of those systems. The first semester will focus on evolution, ecology, bacteria, protists, fungi, and plants. The second semester will have an emphasis on zoology and the animal kingdom and will include multiple animal dissections. <b>NCAA Approved</b>		

## **SCIENCE (cont)**

<b>359</b>	<b>Independent Study: Conservation of Parks</b>	<b>.25</b>
This full year course will provide Earth Science Club members the opportunity to receive $\frac{1}{4}$ credit for their participation in club activities and trips. Thirty-five (35) contact hours and a project will be requirements to receive this credit. All other club rules will apply to persons opting for credit. Graded A-F.		

<b>367CCP</b>	<b>3150:101 Chemistry For Everyone (College Academy) semester</b>	<b>1.00</b>
<b>(General Education Chemistry Class)</b>		

Integrated, hands-on, laboratory instruction in the fundamental concepts of chemistry for general education. **NCAA Approved**

**4 College Credits earned from The University of Akron**

<b>380CCP</b>	<b>3650:137 Music/Sound (Physics) (College Academy) semester</b>	<b>1.00</b>
<b>(General Education Physics Class &amp; Lab)</b>		

Introductory, qualitative course dealing with the nature of light and the interaction of light with various materials to produce common visual effects. Laboratory activities provide experience in scientific investigation. **NCAA Approved**

**4 College Credits earned from The University of Akron**

<b>369CCP</b>	<b>3370:100 Earth Science &amp; Lab (College Academy) semester</b>	<b>1.00</b>
Introduction to earth science for non-science majors. Survey of earth in relation to its physical composition, structure history, atmosphere, oceans, and relation to solar system and universe. <b>NCAA Approved</b>		

**4 College Credits earned from The University of Akron**

<b>307CCP</b>	<b>3370:701 Introduction to the Ocean (College Academy) (2025-26) semester</b>	<b>1.00</b>
Provides a basic introduction to the oceans. Topics include formation of the ocean, ocean circulation, waves and tides, marine animals, marine communities, and climate change. <b>NCAA Approved</b>		

**3 College Credits earned from The University of Akron**

<b>382CCP</b>	<b>3370:211 Introduction to Environmental Science (College Academy) (2026-27) semester</b>	<b>1.00</b>
Interdisciplinary analysis of our relationship with nature and dependence upon the environment, with emphasis on evaluation of current environmental problems and national solutions. <b>NCAA Approved</b>		

**3 College Credits earned from The University of Akron**

## **SOCIAL STUDIES**

**421**

**U.S. Studies**

**1.00**

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came-to-pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. **NCAA Approved**

**422**

**Honors U.S. Studies**

**1.00**

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came-to-pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. The material presented will be more in depth. **NCAA Approved**

**411**

**World Studies**

**1.00**

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires,

the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. **NCAA Approved**

**412**

**Honors World Studies**

**1.00**

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. The material presented will be more in depth.

**NCAA Approved**

**430**

**American Government (Grade 11 & 12)**

**1.00**

How the American people govern themselves at national, state and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and senior projects. The course will also examine the use of a budget in making personal economic decisions along with financial literacy. **NCAA Approved**

**432 World Contemporary Issues (Grade 10 - 12) (2025-2026) .50**  
Students will examine the dynamics of global interactions among nations and regions that present issues and affect all humanity. The course is designed to look at contemporary issues that have political, economic, social, historic, and geographic components. Students will learn the impact of global issues and the relation with media and technology. **NCAA Approved**

## 410 The Presidents (Grade 10 - 12) (2026-2027) .50

In this course, we will analyze the lives, and careers, of the 46 presidents of the United States. Their legacies are consistently analyzed by historians, and we will look into their times in office to see exactly what they did for the country during their terms, while also uncovering their impacts on the world, and the office itself.

## SOCIAL STUDIES *(cont)*

**405 Topics in Social Studies (Sports History) (Grade 10-12) (2025-2026) .50**  
History Through Sports will allow students to go through many historical topics, such as the Cold War, Civil Rights Movement, World Wars, Vietnam War, and much more, all while using the sporting world as a vehicle to dive deeper into these topics then ever before. We will not be analyzing the results of sporting events and seasons in this class, but rather the impact that major historical events had on the sporting world, and subsequently, society as a whole. **NCAA Approved**

**431** **Sociology (Grade 10 - 12) (2026-2027)** **.50**  
High school sociology focuses on many different aspects of human behavior and life. The class covers how ethics vary in different cultures, groups and societies, the cultural trends that affect how society operates, and how to work well with people from different backgrounds. **NCAA Approved**

438	<b>Psychology (Grade 10 - 12) (2025-2026)</b>	.50
Psychology is an introduction to the scientific study of human behavior. The course looks at the human mind and attempts to answer the questions of why people act, think, and feel the way they do. This course is designed to help students gain a basic, working knowledge of the history of psychology, developmental psychology, physiological processes, sensation and perception, learning memory, motivation, emotions, personality, and mental and behavioral disorder. This course is designed to prepare students for introduction to college psychology.		

**406 History of War (Grade 10 - 12) (2025-2026) .50**  
“History of War” will analyze the technologies, tactics and figures behind famous wars in history. The Course will analyze wars in ancient Greece and Rome, as well as more modern conflicts such as the American Revolution, the Civil War, World War I, World War II and the Vietnam War, among many others.

403 History through Film (Grade 11 & 12) .50

This course is designed to bring to life the historical investigation of Hollywood's portrayal of history. Students will examine both the realities and misconceptions of films dealing with American and world events in the time-period between the American Revolution and today (1770's – today). This non-traditional learning experience will require independent research, analysis, interpretation, and cooperative learning skills. Students will be expected to analyze films and be capable of presenting feedback through various methods including speeches, projects, and presentations.

**402** **You and the Law (Grade 10 - 12) (2026-2027)** *semester* **.50**

You and the Law will explore the basic elements of United States' society and how people interact with the law from a practical standpoint. Students will learn how to be actively engaged citizens in their communities through the skills and knowledge of local, regional, state, and federal government. Exploration of legal obligations, responsibilities, and citizen rights will allow students to discover why rules and laws exist. The course will also explore criminology, which is a comprehensive exploration of the causes, consequences, and responses to criminal behavior.

## SOCIAL STUDIES *(cont)*

456CCP 3700:100 Government & Politics in the United States (College Academy) semester 1.00

Examination of the American political system with emphasis on fundamental principles, ideas, institutions and processes of modern government. The course will also examine the use of a budget in making personal economic decisions and planning-for-the-future. **NCAA Approved**

### **3 College Credits earned from The University of Akron**

439CCP 3600:120 Intro to Ethics (College Academy) semester 1.00

Introduction to problems of moral conduct through readings from the tradition and class discussion; nature of “good”, “right”, “ought” and “freedom” **NCAA Approved**

**3 College Credits earned from The University of Akron**

**453CCP 3500:250 U.S. History to 1877 (College Academy) semester 1.00**

Historical survey from the Age of Discovery and North American colonization through the creation of the United States to the Civil War and Reconstruction. **NCAA Approved**

### **3 College Credits earned from The University of Akron**

**440CCP 3400:200 Empires of the Ancient World (College Academy) semester 1.00**

This course will apply a global lens to the rise and fall of the world's earliest civilizations and empires across Eurasia. Students will explore global encounters and parallel development from the ancient civilizations of the Fertile Crescent and Egypt, through the rise of Mediterranean and Asiatic empires, culminating in the expansion of Islam and the Mongol conquests. Special consideration will be placed on the role of the Silk Road global history as a means of economic connection and a tool of cultural diffusion. Topics will include the growth of urban trade centers, the spread of religious and philosophical ideas, and the role of large state structures in world history. **NCAA Approved**

**3 College Credits earned from The University of Akron**

**466CCP**                    **2040:241 Technology & Human Values (College Academy)**                    *semester*                    **1.00**  
Examination of impact of scientific and technical change upon people, their values and institutional arrangements.  
Topics include biomedical technology, automation, economic growth, natural environment and technology and quality of life. **NCAA Approved**  
**3 College Credits earned from The University of Akron**

## TECHNOLOGY

**590**                    **Introduction to 3D Modeling**                    **.50**  
This semester course uses Autodesk 3ds Max, the same software used by professionals worldwide, to introduce students to the tools of 3D modeling and animation. Students will be asked to create 3D models using a variety of tools and functions provided in 3ds Max. Working through tutorials and projects, students will learn the skills and the conceptual knowledge that may carry them to further study. Students will explore such concepts as orthographic and perspective views, primitives, wireframes, animation, and more. Basic computer literacy is required. **Fine Arts Credit**

**591**                    **Introduction to Photo Editing**                    **.50**  
This semester course uses Adobe Photoshop CS5 to introduce students to basic photo editing skills. This course uses creative in-class tutorials and projects, concise instructions, and coverage of basic to advanced Photoshop skills, to help students create, polished, professional-looking photographic art work. Basic computer literacy is required. **Fine Arts Credit**

**592**                    **Introduction to Graphic Arts and Web Design**                    **.50**  
This semester course students will use design as a creative process in communication. Students will explore the various methods used to create and combine words, symbols, and images to create a visual representation of ideas and messages. Students will use the basic elements and principles of design and use Adobe Photoshop CS5 to let their creative side show to create polished, professional-looking computer graphics and Images for the Web.  
**Fine Arts Credit**

**590CCP**                    **IMT 125 - 3D Graphics Modeling**                    *semester*                    **1.00**  
This semester course uses Autodesk 3ds Max, the same software used by professionals worldwide, to introduce students to the tools of 3D modeling and animation. Students will be asked to create 3D models using a variety

of tools and functions provides in 3ds Max. Working through tutorials and projects, students will learn the skills and the conceptual knowledge that may carry them to further study. Students will explore such topics as 3D modeling, texturing, lighting, rendering, orthographic and perspective views, primitives, wireframes, animation, and more. Upon completion, students will be able to effectively use the 3ds Max interface to create and render 3d objects and scenes. Basic computer literacy is required. **Fine Arts Credit**

**3 College Credits earned from Stark State College**

<b>592CCP</b>	<b>IMT 122 - Graphic Arts Design</b>	<i>semester</i>	<b>1.00</b>
Topics include effective communication through design from thought to finished process. Upon completion students will be able to effectively use Adobe Photoshop to create computer graphics. <b>Fine Arts Credit</b>			
<b>3 College Credits earned from Stark State College</b>			

## TECHNOLOGY (cont.)

<b>593</b>	<b>Computer Apps for Professionals</b>	<i>semester</i>	<b>.50</b>
Computer Applications for Professionals describes the components and peripherals of a computer/PC and how they function and communicate as a system. Principle topics covered are the Windows operating system, Internet applications, the Windows networking environment and a variety of software application packages used to solve scientific, business, and engineering technology problems. Potential to earn Microsoft Office credential.			

<b>555</b>	<b>Video Production I &amp; II (Grade 11 &amp; 12)</b>	<i>semester</i>	<b>.50</b>
Using high-end digital video cameras and editing software, students will explore the intricate components of video production in the 21 <sup>st</sup> century. Students will become proficient in the use of different types of camera shots, proper lighting, transitions, chroma keying, and many other video editing skills used in film. This course will have a strong emphasis on creative thinking and collaboration, where learners will have the opportunity to take ownership of each phase of the production process and create unique videos that reflect their interests and talents. This course will be a one semester class but can be taken multiple times for students who wish to build on prior knowledge and skills and learn more advanced editing techniques.			

<b>598</b>	<b>STEAM</b>	<i>semester</i>	<b>.50</b>
<b>(Science, Technology, Engineering, Art &amp; Math)</b>			
STEAM incorporates an approach that combines science, technology, engineering, the arts and math to guide student inquiry, discussion, and problem-solving. In this process students become familiar with the following: Block programming used both with robots and drones; laser engraving, Computer Numerical Control routers, 3D printing and design, and other technological devices.			

## **FAMILY AND CONSUMER SCIENCES**

<b>631</b>	<b>Principles of Food</b>	<b>.50</b>
In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection, and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized. <b><u>Fee Required</u></b>		
<b>633</b>	<b>Human Growth and Development</b>	<b>.50</b>
In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social, and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community. As a requirement of this course, students will care for the “Ready-Or-Not Tot” <b><u>Fee Required</u></b>		

## **FAMILY AND CONSUMER SCIENCES (cont)**

<b>635</b>	<b>Textile Design, Construction, and Maintenance</b>	<b>.50</b>
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 textile products, including home interior accessories and garments.		
<b><u>Fee Required</u></b> *Students will be expected to purchase the majority of sewing supplies not covered in the course fee - <b><u>Fine Arts Credit</u></b>		

<b>637</b>	<b>Culinary Fundamentals</b>	<b>.50</b>
In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection, and proper use of tools and equipment. An emphasis will be placed on “mise en place” (putting in place, as in set-up), the management of time, ingredients, and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. <b><u>Fee Required</u></b>		
<b>Prerequisite:</b> Principles of Foods		

<b>632</b>	<b>Global Foods (2026-27)</b>	<b>.50</b>
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. <b><u>Fee Required</u></b>		

**Prerequisite:** Principles of Food

**638** **Food Science (2025-26)** **.50**  
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 situations. Food safety and sanitation techniques will align with industry-recognized certifications. **Fee Required**

**Prerequisite:** Principles of Food

**642** **Independent Study: Textile Design, Construction, and Maintenance (Grade 10-12)** **.50**

This course is for students seriously interested in the world of fashion. The student, in consultation with the instructor, will be assigned required projects to complete throughout the semester. This class will require an intense work ethic. Graded A-F.

**Fee Required** \*Students will be expected to purchase supplies not covered in the course fee

**Prerequisite:** Textile Design, Construction, and Maintenance and instructor signature

## BUSINESS

**530CCP** **ENT 120 – Entrepreneurship** *semester* **1.00**

This course is designed to introduce students to the entrepreneurial process from conception to birth of a new venture. Students will examine elements in the entrepreneurial process – personal, sociological, and environmental – that give birth to a new enterprise. Critical factors for starting a new enterprise such as alternative career prospects, family, friends, role models, the state of the economy and the availability of resources will be explored. Students will be introduced to practical tools they can use to further their careers in business, both in entrepreneurship and in more traditional company environments. This course simulates the experiences that entrepreneurs undergo in conceiving, launching, and operating new businesses. The courses enable students to evaluate an entrepreneurial career for themselves. In doing so, it provides want-to-be entrepreneurs with a framework for selecting, funding, and starting their own new ventures.

**Prerequisite:** ACT Reading 18 or Accuplacer Reading 080

H.S. Sophomores-Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

**531CCP** **ENT 124 – Managing Entrepreneurial Growth** *semester* **1.00**

This course is designed for students who want to manage growing companies in an increasingly professional manner while still maintaining the entrepreneurial spirit that brought the company to its current growth position and for students who want to manage larger companies to emphasize innovation and the management of opportunities rather than to concentrate on the efficient management of ongoing operations. Upon successful completion of this course, students should be able to measure economic performance and obtain information for management decision-making, management control systems for innovative companies, short-and long-run planning in owner-managed businesses, and entrepreneurship in managing growing companies.

**Prerequisite:** ENT 120 Entrepreneurship

H.S. Sophomores-Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

**532CCP**

**ENT 225 – Global Entrepreneurship** *semester*

**1.00**

This course examines how entrepreneurs create and manage emerging ventures in other countries and create and manage start-up emerging ventures which are global in at least one important aspect. The case analyses and classroom discussions will focus on and integrate multidisciplinary concepts, skills and insights – marketing, operations, finance, control, decision-making, leadership, ethics, governance, negotiations – all in the service of starting and managing entrepreneurial ventures. Upon successful completion of this course, students should be able to identify and assess business models for international start-ups, venture valuation, sources of financing, deal structuring, cross-cultural issues in entrepreneurship, creating strategic alliances, managing / leading a small multinational organization, international acquisitions, managing entrepreneurial ventures in situations of financial distress and under changing contexts, and managing global expansions of ventures.

**Prerequisite:** ENT 120 Entrepreneurship

H.S. Sophomores-Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

**541CCP**

**BUS 121 – Business Administration** *semester*

**1.00**

A survey course designed to develop a comprehension of business theories and principles. Students will examine the following: American business development, management and organization, human resources, marketing, information for business strategy, decision making, finance and investment. Upon completion, students should be able to demonstrate an understanding of the above topic areas and have a foundation for studying other business subjects.

**Prerequisite:** ACT Reading 18 or Accuplacer Reading 080

H.S. Juniors/Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

## **BUSINESS (cont)**

**542CCP**

**BUS 221 – Microeconomics** *semester*

**1.00**

An in-depth study of microeconomic concepts and principles such as supply and demand, price elasticity, production costs, different market structures, income distribution, marginal analysis, and other issues relating to global economics. Upon completion of this course, students should be able to demonstrate an understanding of these topics and to be able to apply them to business.

**Prerequisite:** ACT Reading 18 or Accuplacer Reading 080

H.S. Juniors/Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

**543CCP**

**MGT 121 – Principles of Management** *semester*

**1.00**

This course provides an in-depth, balanced overview of management through coverage of basic management functions: planning, organizing, staffing, directing and controlling. Presents the current insights of open-systems theory, contingency theory, organization theory, organizational behavior and contemporary management science. Upon completion, students should be able to demonstrate an understanding of the above management science. Upon completion, students should be able to demonstrate an understanding of the above topic areas.

**Prerequisite:** BUS 121 Business Administration or ENT 120 Entrepreneurship

H.S. Juniors/Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

**581CCP**

**BUS 124 – Business Analysis** *semester*

**1.00**



This course introduces the student to the fundamental processes of accounting through coverage of the accounting cycle consisting of transaction analysis, the recording function and financial statement preparation and analysis. Course coverage continues with a review of receivables; inventory, property, plant and equipment; bonds and stockholder's equity. Emphasis is given to why certain procedures are followed and their financial statement impact.

**Prerequisite:** BUS 124 Business Analysis - Minimum Grade of D

H.S. Juniors/Seniors who meet college entrance requirements (GPA & ACT/Accuplacer)

**3 College Credits earned from Stark State College**

## **COLLEGE AND CAREER READINESS**

<b>150</b>	<b>Financial Literacy / Career Connections Required for Freshmen</b>	<b>.50</b>
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This course is designed to aid students in gaining the skills necessary for academic success. Topics include learning styles, critical thinking, time management, study and test-taking techniques, communication skills, and a variety of personal development strategies. Graded Pass/Fail (P/F)

<b>151</b>	<b>ACT Prep (Grades 10-12)</b>	<b>.50</b>
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This class works towards improving the scores on college entrance exams and placement testing.

**Fee Required**

<b>170</b>	<b>Senior Seminar</b>	<b>.50</b>
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A high school senior seminar course prepares students for post-secondary education and/or their careers by helping them develop skills and experience.

College and Career Exploration: Students learn about college and career options, and how to apply to schools and for financial aid. They also create resumes, cover letters, and personal statements, and practice interviewing.

Career Pathway Training: Students gain experience in a career pathway, and learn how to identify their skills, interests, and values, and how they align with different career options.

21<sup>st</sup> Century Skills: Students demonstrate academic and social skills that prepare them for post-secondary education or the workforce.

Global Interests: Students examine issues related to their chosen career or major, drawing on their coursework, leadership training, and experiences with other cultures.

## **ENGINEERING TECHNOLOGY**

<b>670</b>	<b>Introduction to Engineering Design (IED) (Grade 11 &amp; 12)</b>	<b>1.00</b>
This course is developed for students who are interested in design and engineering. The major focus of the IED course is to expose students to design processes, engineering standards, research and analysis, technical documentation, global and human impacts, communication methods, and teamwork. IED gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. The course assumes no previous knowledge, but students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students use a state-of-the-art 3D solid modeling design software package to help them design solutions to solve proposed problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Concepts covered throughout the course include: Design Process, Modeling, Sketching, Measurement, Statistics, and Applied Geometry, Engineering Drawing Standards, CAD Solid Modeling, Engineering Ethics, Presentation Design and Delivery, Consumer Product Design Innovation and Marketing.		

## **WORLD LANGUAGES**

**731**

**Spanish I**

**1.00**

Beginning Spanish is an introductory course where students learn basic Spanish pronunciation, vocabulary and grammar in the context of real-life situations. Focus skills are speaking, listening, reading and writing. The culture of Hispanic countries will also be explored.

**NCAA Approved**

**Workbook Fee required**

**732**

**Spanish II**

**1.00**

This intermediate course builds upon Spanish I and focuses on more advanced grammar and vocabulary. Students will further develop all four skill areas. Guided writings and increased student participation in Spanish are key elements of this course. Detailed cultural projects are also included.

**NCAA Approved**

**Workbook Fee required**

**733**

**Spanish III**

**1.00**

Conducted primarily in Spanish, this course will allow students to achieve a greater mastery of all four skill areas. Increased conversational skills are emphasized. Advanced grammar structures and vocabulary will be learned. Students will be introduced to Hispanic literature and history as their study of culture continues.

**NCAA Approved**

## Workbook Fee required

734 Spanish IV 1.0

The course includes an intensive review of previously learned material along with expanded vocabulary and grammar. Speaking participation in Spanish is required. Students will read and analyze selections from literature and also discuss the art and history of Spanish speaking countries. Advanced essays and journal entries along with conversational and listening skills will be emphasized. This course will be conducted simultaneously with CA Intermediate Spanish and will include the same activities and expectations.

**NCAA Approved**

736CCP 3580:101 Beginning Spanish I (College Academy) semester 1.00

Acquisition of basic reading, speaking, writing and listening comprehension skills, with emphasis on development of self-expression in everyday situations through culturally authentic media and texts.

NCAA Approved

## 4 College Credits earned from The University of Akron

737CCP 3580:102 Beginning Spanish II (College Academy) semester 1.00

Acquisition of basic reading, speaking, writing and listening comprehension skills, with emphasis on development of self-expression in everyday situations through culturally authentic media and texts.

**NCAA Approved**

## **4 College Credits earned from The University of Akron**

## FINE ARTS

811 Intro to Art 1.0

This class enables students to work with a variety of introductory media such as painting and drawing, crafts, cut paper, clay and mixed media. The fundamentals of art are stressed; projects include landscapes, perspective, still life, design, lettering, printmaking, ceramics, sculpture and crafts among others. Topics of study include: The Language of Art, Art Criticism, Art History, Careers in Art and Self Reflection. Evaluation is done on the basis of originality, care in workmanship, and the student's application to their work. A final presentation of creative work will be required in a digital portfolio built using students' own artwork. Study of reference materials will be included.

### **Class Fee required**

**813 Arts and Crafts .50**

This class is designed to introduce basic art and craft techniques. Projects will be selected from sculpture, bookmaking, mosaic styles, fabric manipulation, ceramics, various printmaking styles, drawing and painting with the majority of projects resulting in mixed media. No previous art or craft knowledge is necessary for

successful completion of this course. Art Criticism and Self Reflection will play a major role in this course. A final presentation of creative work will be required in a digital portfolio built using students' own artwork. Study of reference materials will also be included.

### **Class Fee required**

814 Sculpture .5

This class is designed to introduce basic sculpture techniques as students build projects that are 3-D. Projects will be selected from a variety of media such as cardboard, clay, paper, wire, paper mache', assemblage and paper clay among others. No previous sculpture experience is necessary for successful completion of this course. Art Criticism and Self Reflection will play a major role in this course. A final presentation of creative work will be required in a digital portfolio built using students' own artwork. Study of reference materials will also be included.

## **Class Fee required**

815 Drawing .50

This course is for the student who likes to draw and is willing to spend countless hours developing repetitive drawing techniques. A variety of drawing activities and warm up exercises will be explored and the theory of brain hemisphere dominance and its impact on drawing will be emphasized. Assignments will be strategically ordered to promote growth in drawing ability. Students will be expected to draw predominantly from observation as they complete a variety of assignments dealing with the human form, still life and abstract design among others. Principles of composition will be discussed; emphasis on quality-finished work will encourage the student to develop talent. Art Criticism and Self Reflection will play a major role in this course. A final presentation of creative work will be required in a digital portfolio built using students' own artwork. Study of reference materials will also be included.

Because this is an advanced level art class, students will be expected to work outside of the classroom.

### **Class Fee required**

### Prerequisite: Intro to Art

## FINE ARTS (*cont*)

816 Painting .50

This course is designed for students who are seriously interested in painting. The student will be expected to complete painting compositions in watercolors and acrylics. In addition, the student will be expected to acquire knowledge of color theory and painting techniques; specifically brush manipulation. Assignments will be strategically ordered to promote growth in painting ability. Students will be expected to paint predominantly from observation as they complete a variety of assignments dealing with the human form, still life and abstract design among others. Art Criticism and Self Reflection will play a major role in this course. A final presentation of creative work will be required in a digital portfolio built using students' own artwork. Study of reference materials will also be included.

Because this is an advanced level art class, students will be expected to work outside of the classroom

### **Class Fee required**

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## Prerequisite: Intro to Art

**817** Independent Study: Art **1.00/.50**

Independent Study in Art is designed for students seriously interested in the practical experience of art. In this course students will work to create a *College Entrance Art Portfolio*. This portfolio should demonstrate that you've explored your creativity showcasing what you are best at. Consisting of 12-15 pieces you will focus on Range of Media and Depth of Media, Dynamic Compositions and Depth of Creativity. To complete your College Entrance Art Portfolio you would likely need to take both sections of Independent Study in Art where in each section students will be required to create the following: 4 independent assignments each quarter which totals eight completed assignments per semester. The student, in consultation with the instructor, will set up goals and a list of projects to be worked on during the semester. This class will require an intense work ethic! Art Criticism and Self Reflection will play a major role in this course. A final presentation of creative work will be required in a digital portfolio built using students' own artwork.

Because this is an advanced level art class, students will be expected to work outside of the classroom.

**Can be ½ year or full year**

**Class Fee required**

**Prerequisite:** Intro to Art, Drawing, Painting, and signature of instructor

**(FINE ARTS – *continued next page*)**

## **FINE ARTS (*cont*)**

**820**

**Bach to Rock**

**.50**

This class is designed for students with or without prior music knowledge. It will give all students an opportunity to evaluate a wide range of music from the past to what our present music is. Much of the music we listen to today has developed over time from different genres of the past.

**831**

**Band**

**1.00**

Within Orrville High School, five bands serve the musical needs of the school and community. These groups include the symphony band, concert band, marching band, jazz band, and the basketball band. Placement in either the symphony or concert bands is determined by audition. An extensive program of solos and small ensembles is provided. Private instruction is available and encouraged for all wind and percussion instrumentalists.

**Prerequisite:** Junior High band or permission of instructor after an audition

**839**

**Concert Choir**

**1.00**

Placement in the Concert Choir is determined by audition. This course is an introduction to vocal music training. Basic musicianship skills will be taught. Performances are required as part of the course. Existence of the concert choir will be determined by student enrollment in the overall choral program.

**841** **Symphonic Choir** **1.00**

Placement in symphonic choir is determined by audition. Advanced musicianship skills will be taught and practiced. Performances are required as part of the course. Small group instruction is provided and encouraged for all singers.

**854** **Music Theory** **.50**

Have you ever been interested in learning about how music is written? Music Theory is an engaging class that is centered towards beginning or returning musicians. In music theory, fundamentals as well as more advanced topics are covered with the opportunity for creative projects. The focus is on effective music composition, identification, and appreciation. Music theory is about learning the “behind the scenes” of every piece of music we hear.

**820CCP** **7500:201 Exploring Music: Bach to Rock (College Academy) semester** **1.00**

This course provides non-music majors with the skills to evaluate a wide range of music.

**3 College Credits earned from The University of Akron**

REV. 11/12/24 /ls