

**CHIPPEWA JUNIOR/SENIOR  
HIGH SCHOOL  
COURSE SELECTION BOOKLET**



**2024-2025  
SCHOOL YEAR**



## **WELCOME**

This course selection booklet has been designed to give parents and students a complete overview of the curriculum available at Chippewa High School. The booklet is annually reviewed and updated by the staff and administration. What you see in the descriptions generally represents what is being taught in the classes each year.

It is our hope that you take time to go over the registration process carefully. Planning is the first step to success in any endeavor, but this is especially true with education. We take great pride in the programs offered at Chippewa JR/SR High School, and we hope your educational needs are well met.

As we go through the registration process, we encourage you to ask questions and to take time to choose the best course of study for your future plans. The school counselors are here to assist you, so please make use of our help in your planning.



# INTRODUCTION

One of the most important decisions that students and parents will make in any one school year is course selection. These decisions may include difficulty of course, number of courses in a semester (number of credits needed for graduation), types of courses, and future goals/expectations (i.e., will the student be attending the Career Center, is the student planning on attending college, etc.)

In this course selection booklet you will find the following information:

- \*Credits and courses required for graduation from Chippewa High School and The State of Ohio

- \*Credit requirements for athletic participation and for compliance with Board Policy

- \*Requirements for academic awards (Honors Diploma)

- \*Names, descriptions, credit value, and special requirements for all courses offered

$\frac{1}{4}$  credit courses = 1 Semester ( $\frac{1}{2}$  year) (Physical Education only)

$\frac{1}{2}$  credit courses = 1 Semester ( $\frac{1}{2}$  year)

1 credit courses = 2 Semesters (full year or a semester CCP course)

Please review this information with your child. It is important to have a good understanding of both course and credit requirements in order to make knowledgeable decisions that will be consistent with you and your child's career and post-secondary goals.

# GRADUATION REQUIREMENTS

## Subject requirements for graduation:

4 credits of English

4 credits of Math

Including 1 unit of Algebra II or equivalent

3 credits of Science

Integrated Science III

General Biology

Plus 1 year of an advanced science

3 credits of Social Studies

Including American History and Government

½ credit of Physical Education (2 classes)

½ credit of Health

½ credit of Financial Literacy

1 credit of Fine Arts

3 1/2 credits of electives

Grading Scale			
100 – 94	A	76 – 74	C
93 – 90	A-	73 – 70	C-
89 – 87	B+	69 – 67	D+
86 – 84	B	66 – 64	D
83 – 80	B-	63 – 60	D-
79 – 77	C+	59 below	F

## 20 CREDITS REQUIRED TO GRADUATE

A major requirement is payment of all class dues, book fines, tests and class fees.

Credit cannot be granted unless all State minimum standards are met.

All students in the class of 2023 and beyond must earn total credits, show competency and show readiness through diploma seals.

## **Note to parents and students regarding requirements for graduation:**

**It is the student's responsibility to see that requirements for graduation are met. The high school will make every effort to keep up-to-date records and to inform the student and parents about the student's progress toward the completion of graduation requirements. However, it is the student's responsibility to be acquainted with the necessary requirements to meet this goal.**

# Ohio's High School Graduation Requirements

## Classes of 2023 and Beyond

It's Your **Future.** Get **Ready.**

**Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.**

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

### First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

#### Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

### Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

**Is testing not your strength?** After you have taken your tests, there are three additional ways to show competency!

#### Option 1.

##### Demonstrate Two Career-Focused Activities\*:

###### Foundational

Proficient scores on WebXams  
A 12-point industry credential  
A pre-apprenticeship or acceptance into an approved apprenticeship program

###### Supporting

Work-based learning  
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

\*At least one of the two must be a Foundational skill

#### Option 2.

##### Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

#### Option 3.

##### Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.



## **Third, show readiness**

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

### **At least one of the two must be Ohio-designed:**

- ☐ OhioMeansJobs Readiness Seal (Ohio)
- ☐ Industry-Recognized Credential Seal (Ohio)
- ☐ College-Ready Seal (Ohio)
- ☐ Military Enlistment Seal (Ohio)
- ☐ Citizenship Seal (Ohio)
- ☐ Science Seal (Ohio)
- ☐ Honors Diploma Seal (Ohio)
- ☐ Seal of Biliteracy (Ohio)
- ☐ Technology Seal (Ohio)
- ☐ Community Service Seal (Local)
- ☐ Fine and Performing Arts Seal (Local)
- ☐ Student Engagement Seal (Local)

**Want to learn more?** Contact your school counselor or visit [education.ohio.gov/graduation](https://education.ohio.gov/graduation)





## NATIONAL HONOR SOCIETY - NHS

Membership in this organization is one of the highest honors that can be bestowed upon a high school student. Selection for membership is by a point system and the approval of a faculty council. Candidates are considered on the basis of outstanding scholarship, service, leadership, and character. Once selected, members have the responsibility to continue to demonstrate these qualities.

To be eligible for membership in the Chippewa High Chapter, the candidate, a Junior or Senior, must attain a 3.5 GPA. The faculty then rates the candidates in the following areas: Scholarship, Service, Leadership, and Character.

## ATHLETIC ELIGIBILITY

To be eligible to participate in athletics, students must be enrolled in and passing at least 2 ½ credits of courses, this equals 5 high school classes, (Physical Education is NOT included). Eligibility is determined by grades earned each term. Final grades are not considered. Summer school classes do not count toward eligibility.

### What is NCAA Eligibility?

The NCAA Eligibility Center certifies whether prospective college athletes are eligible to play sports at NCAA Division I or II institutions. It does this by reviewing the student-athlete's academic record, SAT or ACT scores, and amateur status to ensure conformity with NCAA rules.

### How do students register?

Students must register online at the NCAA Eligibility Center ([ncaa.org](http://ncaa.org)). They will have to enter personal information, answer questions about their course work and sports participation outside of high school and pay a registration fee.

### What records does the Eligibility Center require?

Students should arrange to have you send their high school transcript as soon as they have completed at least six semesters of high school. The transcript must be mailed directly from their high school. They must also arrange to have their SAT or ACT test scores reported directly by the testing company to the Eligibility Center. Students can arrange this when they register for the tests. Students must send a final transcript as proof of graduation at the end of their senior year.

### What are the NCAA academic eligibility requirements?

To play sports at an NCAA Division I or II institution, the student must:

- Complete a certain number of high school core courses.
- Earn a certain minimum grade point average in these core courses.
- Earn a certain minimum score on the SAT or ACT.
- Graduate from high school

# **OHIO DEPARTMENT OF EDUCATION**

## **HONORS DIPLOMAS**

Students must meet **all but one** of the criteria in order to earn an Honors Diploma. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements **AND** complete the requirements outlined below to qualify for Honors Diplomas. Students may replace the **ACT/SAT, GPA or World Language** requirement with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

### **Student Strength Demonstration Replacement**

Students can use the Student Strength Demonstration to replace the **ACT/SAT, GPA or World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas\* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning an Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Honors Diploma.

### **Options:**

[College Credit Plus](#): 12 total College Credit Plus credits

[Advanced Placement](#): three courses with score of 3 or higher on AP tests

[Career-Technical Assurance Guide](#) (CTAG): 12 total credits

[Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18

[WorkKeys](#): Score of 6 or higher on all tests (\*void for Career-Tech Honors Diploma)

[Armed Services Vocational Battery](#): Score of 50 or above on the ASVAB

[Work-Based Learning](#): 250 total hours of work-based learning

For more information about Honors Diplomas, please see the  
Guidance Counselors

# College Credit Plus

## All Courses for high school and college credit

### AP courses include:

- \* U.S. History
- \* Chemistry

**-Cost of AP Exam is \$97 and Exams will be given at the high school in May -Credit will be given by the university or college you attend based on their policies and the students score.**

### College Credit Plus courses at Chippewa High School may include:

- |                               |   |
|-------------------------------|---|
| * College Writing I           | * Introduction to Business Administration |
| * College Writing II          | * Trigonometry                            |
| * Beginning Spanish I/II      | * Beginning French I/II                   |
| * Intermediate Spanish I/II   | * Intermediate French I/II                |
| * Music as a World Phenomenon | * Introduction to Human Communication     |
| * Intro to Statistics         | * General Psychology                      |
| * Algebra for Calculus Plus   |   |

**Plus many other online options.**

# College Credit Plus

## What is it?

Eligible students can take a course and earn high school and college credit that appears on both their high school and college transcripts. Teachers who teach a College Credit Plus course in a high school must receive professional development and be an adjunct professor at a college or university. All courses offered through College Credit Plus—even courses offered in the high school—must be the same course that the college offers. The course must apply to a degree or professional certificate. College Credit Plus replaces the Post-Secondary Education Option, also known as PSEO, and redefines “alternative dual enrollment” programs as advanced standing programs.

## Why?

Ohio needs more students who graduate college- and career- ready. College Credit Plus increases access for students who have not taken full advantage of the opportunity to earn college credits while in high school.

## Where?

The student is enrolled in both high school and college and can attend the class in any setting arranged by the college.

## Who?

Ohio public school districts and Ohio public colleges and universities must participate in College Credit Plus. Nonpublic high schools and colleges or universities may choose to participate. To be eligible, students must meet the admission standards of the participating college or university to which they apply for enrollment.

## How does a student get started?

All participating public and private high schools, colleges and universities must promote College Credit Plus opportunities on their websites. Additionally, they will hold an annual informational event for students and parents.

## Cost:

There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The high school and college or university share the cost for the course. Students choosing to enroll in a participating private college or university might incur costs. **For more information visit:**

Ohio Department of Education @ <https://www.ohiohighered.org/collegecreditplus>

OR

See a School Counselor



**Courses  
Offered  
For the  
2024-25  
School Year**



# BUSINESS

**CODE: 040**

DEPARTMENT: BUSINESS

PREREQUISITE: NONE

**COURSE NAME: MARKETING**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This is an introductory course designed for students who are interested in exploring how products are developed, produced, promoted, and distributed. Topics covered will include, marketing fundamentals, economics, sales promotion, and customer relations.

**CODE: SS052**

DEPARTMENT: BUSINESS

PREREQUISITE: **Additional papers need to be completed for CCP if qualified.**

**COURSE NAME: BUSINESS ADMINISTRATION I**

CREDIT VALUE: ½ UNIT or 1 unit if CCP

**COURSE DESCRIPTION:** This course is an overview of the responsibilities, duties, and problems incurred by entrepreneurs when starting and operating a small business. Topics covered will include, the different types of businesses, creating an effective business plan, employee and customer relations, finances, inventory, and marketing.

TEXTBOOK: Understanding Business

**CODE: 052**

DEPARTMENT: BUSINESS

PREREQUISITE: Business I or Marketing

**COURSE NAME: COFFEE SHOP BUSINESS**

CREDIT VALUE: 1 UNIT

(1 SEMESTER)

**COURSE DESCRIPTION:**

**Coffee Shop** – This is a Senior level only class. This class is designed to help senior students learn all aspects of business operations through operating the school's Coffee Shop. Students will be responsible for all the daily activities of the business. The activities will include, customer service, inventory management, and purchasing, marketing, and new product development.

**Rise Up - Credentialing Program**

**Retail Industry Fundamentals** - Students will build an understanding of the retail industry, its impact on the economy and the diverse jobs available. Students will also learn best practices for interviewing and exploring career paths.

**Customer Service and Sales** - Students will master customer service and sales skills, including understanding the customer life cycle, developing effective strategies to engage customers, assessing customer needs and closing sales.

Students will earn industry credentials that can be used towards graduation.

TEXTBOOK: Retail Industry Fundamentals

**CODE: 060**

DEPARTMENT: BUSINESS

**COURSE NAME: FINANCIAL LITERACY**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This class is designed to help students learn personal finance skills necessary for life after high school. Students will learn about income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets by utilizing checking and savings accounts, and gain knowledge about insurance and taxes.





# REQUIRED ENGLISH CLASSES FOR GRADUATION

(COLLEGE CREDIT COURSES AVAILABLE UNDER CCP)

## FRESHMAN

**CODE: 102A/B**  
DEPARTMENT: ENGLISH

**COURSE NAME: ENGLISH 1A/1B**  
CREDIT VALUE: ½ UNIT/ ½ UNIT

**COURSE DESCRIPTION:** This is a **freshman level** course. This course is designed to strengthen skills that will not only help prepare students for the Ohio OST exam, but also for success beyond high school. This is a student-led course crafted to focus on literature, informational text, writing (literary analysis and research), language and grammar, as well as speaking and listening. This course will act as a foundation for the remainder of high school English classes.

**CODE: 112A/B**  
DEPARTMENT: ENGLISH

**COURSE NAME: HONORS ENGLISH 1A/1B**  
CREDIT VALUE: ½ UNIT/ ½ UNIT

**SPECIAL REQUIREMENTS:** This is an advanced **freshman level course**. **This course requires summer reading with an online project.** Students will need to return a signed contract before the last day of school to be part of this course. Students must complete all summer reading and writing assignments satisfactorily by the first day of class. Failure to complete the summer reading and writing assignment will result in placement into English 1.

**COURSE DESCRIPTION:** This is the accelerated English 1, with more challenging work at a faster pace. This course is designed for the student who earned A's and B's in previous English classes who is willing to accept the challenge and rigor of an advanced course. Students are selected for the class on the basis of past grades, teacher recommendation and test scores.

## SOPHOMORES

**CODE: 104A/B**  
DEPARTMENT: ENGLISH

**COURSE NAME: ENGLISH 2A/2B**  
CREDIT VALUE: ½ UNIT/ ½ UNIT

**COURSE DESCRIPTION:** This is a **sophomore level** course. This course will focus on academic standards in reading, writing, language acquisition, speaking and listening. This course is designed to prepare students for the English Language Arts section of the Ohio OST exam and upper level high school English courses through readings, discussions, and written pieces.

**CODE: 114A/B**  
DEPARTMENT: ENGLISH

**COURSE NAME: HONORS ENGLISH 2A/2B**  
CREDIT VALUE: ½ UNIT/ ½ UNIT

**SPECIAL REQUIREMENTS:** This is an advanced **sophomore level** course. **This course requires summer reading.** Students will need to return a signed contract before the last day of school to be part of this course. Students must complete all summer reading and writing assignments satisfactorily by the first day of class. Failure to complete the summer reading and writing assignment will result in placement into English 2.

**COURSE DESCRIPTION:** This is the accelerated English 2, with more challenging work at a faster pace. This course is designed for the student who earned A's and B's in previous English classes who is willing to accept the challenge and rigor of an advanced course. A focus on rigorous texts and writing pieces will be a central aspect of this course. Students are selected for the class on the basis of past grades, teacher recommendation and test scores.

## **JUNIOR/SENIOR**

*Students must take either "Prep for College Writing and the ACT" or "Technical Report Writing" during their junior/senior years. Students may choose both, but MUST choose 1.*

**CODE: 145**

**COURSE NAME: PREP FOR COLLEGE WRITING AND THE ACT \***

DEPARTMENT: ENGLISH

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** Learn and practice the various essays required in college composition. Practice college-style modes of writing without the pressure of a college class. Gain exposure to the strategies designed to assist students preparing to take the ACT. Learn both the secrets behind the ACT and your own test-taking tendencies.

**CODE: 110**

**COURSE NAME: TECHNICAL REPORT WRITING\***

DEPARTMENT: ENGLISH

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** In this course, students will explore the principles of effective communication in the context of technology, science, and various professional fields. Throughout the semester, students will develop a strong foundation in technical writing, gaining practical knowledge and hands-on experience in creating a variety of documents commonly found in professional settings. Work in synch with your career-center path of study.

**CODE: 119**

**COURSE NAME: CLASSIC FILMS AND SONG LYRICS**

DEPARTMENT: ENGLISH

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** In this course, we study classic films followed by class discussions and personal reviews of each one. The films are taken from the American Film Institute's (AFI) list of best movies. In the second half of the course, we host student-led reviews of song lyrics. We also make comparisons between lyrics in our study of both new lyrics and classic songs as well.

**CODE: 121**

**COURSE NAME: PSYCHOLOGY OF HORROR IN LITERATURE**

DEPARTMENT: ENGLISH

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** The aim of this course is a focus on the mind of the perpetrator in horror stories. There are comparisons drawn between fiction and real-life cases (short non-fiction pieces). Enroll in this fascinating exam of criminal motivations found in lyrics, short stories, and excerpts. Students will draw conclusions about guilt/innocence and crime/justice.

**CODE: 123**

**COURSE NAME: THE BIBLE AS LITERATURE AND EARLY CLASSICS**

DEPARTMENT: ENGLISH

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This is an interesting study of influential scriptural stories and Biblical characters. Class discussions connecting Old and New Testament passages to modern life. The course also offers a beginner's look at the philosophies of early Roman and Greek thinkers as related to Biblical accounts. Students analyze key passages through small group studies.

## COLLEGE CREDIT PLUS OFFERED AT THE HIGH SCHOOL

**CODE: KS118**  
**DEPARTMENT: ENGLISH**

**COURSE NAME: COLLEGE WRITING**  
**CREDIT VALUE: 1 UNIT/3 COLLEGE CREDITS**

**SPECIAL REQUIREMENTS: Additional papers need to be completed for college credit.**

COURSE DESCRIPTION IS FROM KENT COURSE SELECTION: The study and practice of academic writing, including an introduction to rhetorical principles, the writing process, critical reading, research and technology.

**CODE: KSi118**  
**DEPARTMENT: ENGLISH**

**COURSE NAME: RESEARCH WRITING**  
**CREDIT VALUE: 1 UNIT/3 COLLEGE CREDITS**

**SPECIAL REQUIREMENTS: Additional papers need to be completed for college credit.**

COURSE DESCRIPTION IS FROM KENT COURSE SELECTION: Continuation of college-level writing instruction with emphasis on research and inquiry, culminating in a lengthy written and/or multimodal project.

**Prerequisite:** Minimum C- grade in College Writing

[illegible]

**SPECIAL REQUIREMENTS:** If taking this course for college credit, students must meet the requirements to be accepted into the college offering college credit. Additional papers need to be completed for college credit.

**COURSE DESCRIPTION:** This is an on-line course that focuses on the craft and theory of public communication. Students will give and critique four speeches during the course of the college semester in addition to learning the theory and craft of public speaking. Students will be required to follow a college syllabus and meet weekly deadlines.

# ENGLISH ELECTIVES

Credit given towards these courses will count as elective credit, but not English credit.

**CODE: 140**  
**DEPARTMENT: ENGLISH**

**COURSE NAME: BOOK CLUB**  
**CREDIT VALUE: ½ UNIT**

**SPECIAL REQUIREMENTS: GRADES 10-12**

**COURSE DESCRIPTION:** Welcome to Book Club! Throughout the semester, we will read a variety of books and enjoy discussions about those books on a regular basis. Students should expect to read 6-8 books throughout the semester (3-4 per quarter). Book club cycles will rotate between independent choices where each student chooses a book to read and books that everyone will be reading at the same time. Most days in class will be spent reading independently unless we are having a book club meeting which will require discussion, collaboration, and participation. This class should only be taken by students who enjoy reading!

**CODE:155**  
DEPARTMENT: ENGLISH

**COURSE NAME: FILM IS LIT!**  
CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS: GRADES 10-12**

**COURSE DESCRIPTION:** This English elective will focus on the relationship between contemporary literature and corresponding films. Students will study film history and understand aspects of media production. Film is LIT! will expose students to a variety of modern literature that has been transformed to the big screen. Students should expect to read 6-8 novels in this course and be prepared to discuss the books in detail. While we will be watching the films in class, students should know that they will be expected to analyze the films and write comparative essays based on the two mediums. This course may not be taken as a replacement English credit.

**CODE: 179**  
DEPARTMENT: ENGLISH

**COURSE NAME: INSPIRED BY *STRANGER THINGS***  
CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This course will explore the influences of the Netflix show *Stranger Things*. You will watch both the first and second season of the show and the some of the movies that inspired it. You will draw comparisons and insight through discussions, papers, worksheets, and projects. After exploring the inspiration for this hit show, students will create their own “pitch deck” and show idea. **Parental permission is required for this course due to language and violence content.**

**CODE: 143**  
DEPARTMENT: ENGLISH

**COURSE NAME: EXPLORING DOYLESTOWN**  
CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS: GRADES 9-10**

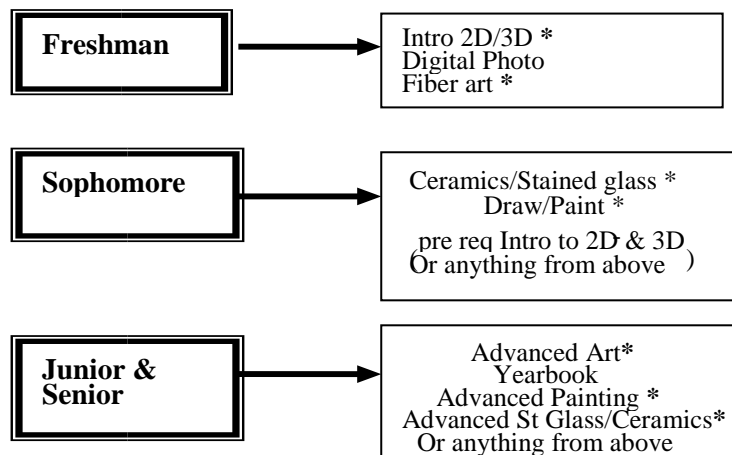
**COURSE DESCRIPTION:** **This course is highly recommended for the college bound student.** This course explores local history for Doylestown and beyond. Students will explore the local history of Doylestown through field trips, interviews, and written history. Students will then modernize that history through podcasts and videos so that all can learn about the “Village of Values. A Town of Tradition.”



# FINE ARTS

The fine arts program is designed to give students opportunities in the various fine arts media to learn how to express their individuality and creativity. One Fine Art credit is required for all students for graduation.

## VISUAL ART



Classes with an asterisk (\*) will have additional fees.

## PERFORMING ARTS

*CHOIR*  
*BAND/CHOIR*  
*THEATRE ARTS*  
*MUSIC THEORY*  
*MUSIC AS A WORLD PHENOMENOM*

**CODE: 730**

DEPARTMENT: FINE ARTS

**COURSE NAME: INTRO TO 2D & 3D ART & DESIGN**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of Art Foundations.

**COURSE DESCRIPTION:** \*This course will come with a fee. This course will focus on 2D designs for 9 weeks and 3D designs for 9 weeks. Work will be completed in different mediums and projects will range from the simple to more complex pieces. Students should have a basic understanding of the elements and principles as taught in Art Foundations.

**CODE: 711**

DEPARTMENT: FINE ARTS

**COURSE NAME: DIGITAL PHOTOGRAPHY**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of Art Foundations.

**COURSE DESCRIPTION:** This course focuses on the fundamental principles, techniques and application of camera-based image making with digitized photographs, with an emphasis on composition within the camera. Multiple photo enhancement programs will be used with the computer. The course will also look at the history of photography from its origin to the digital realm. Students must supply their own digital camera.

**CODE: 707**

DEPARTMENT: FINE ARTS

**COURSE NAME: DRAWING & PAINTING**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of Art Foundations.

**COURSE DESCRIPTION:** \*This course will come with a fee. This class focuses on drawing the first 9 weeks and then transitions into painting the second 9 weeks. The primary objective for drawing is to develop the skill of seeing and analyzing shape, and to develop skills in manual dexterity through a variety of media. In painting, the student will study traditional and contemporary styles of painting and artists. There will be an emphasis on developing individual and personal style. Students do not have to supply their own materials for most projects.

**CODE: 703**

DEPARTMENT: FINE ARTS

**COURSE NAME: INTRO TO CERAMICS/STAINED GLASS**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of Intro to 2D/3D.

**\*\* Students will need to supply their own materials for Stained Glass. Expect to spend around \$50 minimum\*\***

**COURSE DESCRIPTION:** \*This course comes with a fee. This course will be broken into two sections: 9 weeks of Ceramics and 9 weeks of Stained Glass. The Ceramics section will be an introductory course to the craft with areas of concentration including hand-building techniques and glazing applications. The Stained Glass section will introduce the fundamentals of the craft with a concentration on cutting glass, grinding glass, applying copper foil and soldering.

**CODE: 702**

DEPARTMENT: FINE ARTS

**COURSE NAME: ADVANCED CERAMICS/STAINED GLASS**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of the Intro to Ceramics/Stained Glass.

**\*\* Students will need to supply their own materials for Stained Glass. Expect to spend around \$50 minimum\*\***

**COURSE DESCRIPTION:** \*This course will come with a fee. This course will be broken into two sections: 9 weeks of Ceramics and 9 weeks of Stained Glass. Each section will expand on skills learned from the intro course including wheel throwing, kiln preparation, and advanced glazing techniques for Ceramics and lead came techniques, glass fusing, and slumping in Stained Glass.

**CODE: 130A/B**

**DEPARTMENT:** FINE ARTS

**COURSE NAME: PRINT MEDIA (YEARBOOK)**

**CREDIT VALUE:** ½ UNIT

**SPECIAL REQUIREMENTS:** This class is for juniors and seniors only.

**COURSE DESCRIPTION:** This is an *elective course* within the Fine Arts Department. The course is designed to produce the school's yearbook. You will write articles, design layouts, handle the graphics, set up the photography, and secure business advertisements for the yearbook. Typing, computer skills and photo editing are necessary. You must be reliable and able to work outside of school hours.

**CODE: 719**

**DEPARTMENT:** FINE ARTS

**COURSE NAME: ADVANCED ART**

**CREDIT VALUE:** ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of Intro to 2D/3D and two other art courses.

**COURSE DESCRIPTION:** \*This course will come with a fee. This course is for juniors or seniors that intend on pursuing a career in the art field. It begins with an overview of the elements and principals of art, color theory, and composition. Students will develop a portfolio that shows their improvement over time. Emphasis will be on personal style and form. Secondly, this course will be an introduction to the history of art from prehistoric times through the present day. Students will gain a new look into art forms and appreciation for art. Learn why Mona Lisa is smiling, why Van Gogh cut off his ear, and just who Jackson Pollock really is. The format for the course includes class discussions, power point presentations, and research studies.

**CODE: 709**

**DEPARTMENT:** FINE ARTS

**COURSE NAME: ADVANCED PAINTING**

**CREDIT VALUE:** ½ UNIT

**SPECIAL REQUIREMENTS:** Successful completion of Art Foundation & Drawing & Painting.

**COURSE DESCRIPTION:** \*This course will come with a fee. This course focuses on advanced painting techniques using, but not limited to, watercolors and acrylics. Students will be given the opportunity to explore more in-depth projects and participate in class critiques. Projects will be based on concepts and themes covered in the class.

**CODE: 735**

**DEPARTMENT:** FINE ARTS

**COURSE NAME: FIBER ART**

**CREDIT VALUE:** ½ UNIT

**SPECIAL REQUIREMENTS:** NONE

**COURSE DESCRIPTION:** \*This course will come with a fee. In this class, you will explore different ways to work with yarns, wools, fabric, paints and dyes to create new works of art. If interested in fashion, this would be a great place to start. There are many opportunities to create functional/wearable art. Students will be studying the history and techniques (how to) of silk painting, Batik (wax resists/dyeing), weaving, surface designs and screen printing.

**CODE: 757**

DEPARTMENT: FINE ARTS

**COURSE NAME: BAND**

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students will be required to attend all performances and practices outside of school hours. Fees Required.

**COURSE DESCRIPTION:** Students will perform at a Christmas Concert, Spring Concert, a possible spring trip, graduation, and the Memorial Day parade. The band will play a variety of styles and period pieces, exploring many forms and genres of music.

**CODE: 754**

DEPARTMENT: FINE ARTS

**COURSE NAME: SYMPHONIC CHOIR**

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Audition is required. Students should have experience in a music ensemble such as choir or band. Commitment to the excellence of the group is essential. Participation in all choir events is required.

**COURSE DESCRIPTION:** The members of this ensemble will perform music of various styles from multiple cultures. This will be achieved by rehearsing basic vocal techniques, improving music reading, rehearsing songs, and examining music's importance to societies.

**CODE: 752**

DEPARTMENT: FINE ARTS

**COURSE NAME: BAND/CHOIR**

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Same as above for Band and Symphonic Choir

**COURSE DESCRIPTION:** This course is for the student who participates in both Band and Symphonic Choir.

**CODE: 759**

DEPARTMENT; FINE ARTS

**COURSE NAME: THEATRE ARTS**

CREDIT VALUE: 1/2 UNIT FOR EACH ONE

Prerequisites: None

Materials: Fees may be needed for Field Trips

**COURSE DESCRIPTION:** This performance-based class is designed to familiarize the student with all areas of the theater including theater history, acting, movement, set design, makeup and costume design, and technical aspects such as lighting and sound. This course requires memorization, active participation in reading and acting, as well as individual and collaborative projects.

**CODE: 755B**

DEPARTMENT; FINE ARTS

**COURSE NAME: MODERN MUSIC LAB**

CREDIT VALUE: 1/2 UNIT

Prerequisites: None

Materials: Guitar, bass, iPad if the student has it but not required.

**COURSE DESCRIPTION:** In this performance-based class we will explore how to create a modern ensemble (ex. Rock Band, iPad Ensemble, etc.). Students will learn how to create music using basic guitar, bass, keyboard, and drum set skills. No prior music experience is required.



**CODE: KSi761**

**DEPARTMENT: FINE ARTS**

**COURSE NAME: MUSIC AS A WORLD PHENOMENON**

**CREDIT VALUE: 1 UNIT/3 COLLEGE CREDITS**

**SPECIAL REQUIREMENTS:** This is a college course through Kent Stark State. Additional paperwork and eligibility are required.

**COURSE DESCRIPTION:** An introduction to music as a world phenomenon. Study of selected art, folk and popular music from world cultures through live performances, tapes, films, video tapes and readings.



# FOREIGN LANGUAGE

Students are strongly urged to complete at least three years of one language. At present, state universities in Ohio do not require completion of a foreign language for admission, but in certain collegiate majors, a language is required. Many of the private colleges in Ohio and across the nation are liberal arts schools and do require a foreign language for admission.

**CODE: 501**

**COURSE NAME: SPANISH I**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

**COURSE DESCRIPTION:** Students will develop their capacity to read, write, speak and listen to Spanish. Vocabulary will center on everyday topics- family, food, house and home, school activities and hobbies. Classroom activities involve role-play, short oral presentations, composition, reading comprehension exercises, and grammar analysis. (Main grammar concepts: present, past and future tenses, adjective/noun agreement, subject vs. object pronouns, *ser* vs. *estar*.)

**CODE: 502**

**COURSE NAME: SPANISH II**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

**COURSE DESCRIPTION:** Students will come to express a wider range of thoughts based upon an ever expanding vocabulary and knowledge of structure. Classroom activities involve dialogue creation and presentation, short oral reports on cultural topics, composition, reading comprehension exercises, and grammar analysis. (Main grammar concepts: present vs. present progressive, preterit vs. imperfect vs. imperfect progressive, present perfect, *hacer* constructions, pronominal verbs, comparative and superlative

**CODE: UA500**

**COURSE NAME: CCP BEGINNING SPANISH 101/102**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students must have an English to Spanish dictionary. **For those who qualify, this course will be for college credit through Wayne College.**

**COURSE DESCRIPTION:** This course puts equal emphasis on speaking, reading, writing, and listening and focuses on Spanish as it is used for communication in everyday circumstances. **Portales** is the current textbook.

**CODE: UAi505**

**COURSE NAME: CCP INTERMEDIATE SPANISH 201/202**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students must have an English to Spanish dictionary. **For those who qualify, this course will be a college credit course through Wayne College.**

COURSE DESCRIPTION: Students further their capacity to speak, read, write, and understand the target language through study of more complex structures and detailed vocabulary. **Portales** for the intermediate level is the current textbook, which is supplemented with appropriate readings for the intermediate student.

**CODE: 521**

**COURSE NAME: FRENCH I**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

COURSE DESCRIPTION: The class will be conducted mostly in French. For the first six weeks, students will be acquiring vocabulary words and phrases through actions (TPR). After about 150 words are learned, storytelling is introduced (TPRS). The vocabulary is still learned through actions, but now it is contextualized into high-interest stories. Language is learned through listening to, seeing, acting out, retelling, revising and rewriting the daily stories. Students will read 2 novels.

**CODE: 522**

**COURSE NAME: FRENCH II**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

COURSE DESCRIPTION: The second year program will continue to use storytelling as a means of language acquisition. The grammar focus will be on the passé composé versus the imparfait. More time will be devoted to reading, listening, and class discussion. Students will read 3 novels.

**CODE: 523**

**COURSE NAME: FRENCH III**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 1 UNIT

COURSE DESCRIPTION: The third year program will continue to use storytelling and CI as a means of language acquisition. The grammar focus will be past and future tenses. More time will be devoted to reading, listening, and class discussion. Students will read 3 novels.

**CODE: UAi523**

**COURSE NAME: CCP BEGINNING FRENCH I/II**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 2 UNITS

COURSE DESCRIPTION:

**1<sup>ST</sup> SEMESTER:** Basic College French I. Four college credit will be granted by the cooperating university. It is a text based course and the syllabus assigned by the college is followed. **For those who qualify, this course will be a Dual Enrollment course for college credit through Wayne College, Akron University. Additional applications and papers will need to be completed.**

COURSE DESCRIPTION:

**2<sup>ND</sup> SEMESTER:** Basic College French II. Four college credit will be granted by the cooperating university. It is a text based course and the syllabus assigned by the college is followed. **For those who qualify, this course will be a Dual Enrollment course for college credit through Wayne College, Akron University. Additional applications and papers will need to be completed.**

**CODE: UAi522**

**COURSE NAME: INTERMEDIATE FRENCH**

DEPARTMENT: FOREIGN LANGUAGE

CREDIT VALUE: 2 UNITS

COURSE DESCRIPTION: This CCP course is through Akron University, Wayne College. **Students will use the online version of the text *Portails*.** The course is designed to further develop the student's skills in French while increasing awareness of France and the francophone world. Prerequisite is Beginning CCP French I and II.

**CODE: 495**

**COURSE NAME: INTRODUCTION TO LINGUISTICS**

**DEPARTMENT: FOREIGN LANGUAGE**

**CREDIT VALUE: ½ UNIT**

**COURSE DESCRIPTION:** Have you ever wondered how languages developed, how they have changed over time, how they are ultimately all related? Would you like to improve your language skills in English, Spanish, or French? Then this is the course for you. All work will be done in class – no homework, no testing. Attend, learn, enjoy! (Prerequisite: one year of Spanish and/or French)



# HEALTH AND PHYSICAL EDUCATION

**Each student is required to complete a ½ credit in health and a ½ credit in physical education for graduation from high school. Students must complete these credits by the end of their sophomore year. Adaptive physical education is available for students who have medical disabilities.**

A student who, during high school, has participated in interscholastic athletics, marching band or cheerleading for at least two full seasons (not necessarily in the same sport) is not required to complete any physical education courses as a condition to graduate. However, the student is required to complete the two full seasons before the end of their junior year and complete one-half unit, consisting of at least 60 hours of instruction, in another course of study.

**CODE: 550**

DEPARTMENT: H.P.E.

**COURSE NAME: PHYSICAL EDUCATION**

CREDIT VALUE: ¼ UNIT

SPECIAL REQUIREMENTS: NONE

**COURSE DESCRIPTION:** The ultimate goal of the program is to build a firm foundation of fitness and vitality for a full life as an effective citizen in a democracy. In striving to reach this goal, the following units of work will be included over the course of two semesters: volleyball, basketball, football, softball, badminton, weight training, pickle ball, soccer, walking, physical fitness testing, and other appropriate coed activities.

**CODE: 553**

DEPARTMENT: H.P.E.

**COURSE NAME: HEALTH**

CREDIT VALUE: ½ UNIT

SPECIAL REQUIREMENTS: NONE

**COURSE DESCRIPTION:** Basic human health is covered in the course with the following topics receiving attention: nutrition, substance abuse, physical and mental wellness, depression, anger management, healthy relationships, organ donation, cancer, cardio-vascular disease, and infectious diseases.  
This may be an online course.

**CODE: 090**

DEPARTMENT: H.P.E

**COURSE NAME: THINGS YOU NEED TO KNOW**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This course will dive into the different things that you need to know while you are living on your own.

**CODE: 558**

**DEPARTMENT: H.P.E.**

**COURSE NAME: SPORTS MEDICINE**

**CREDIT VALUE: ½ UNIT**

**COURSE DESCRIPTION:** This course will offer students an opportunity to learn more about sports injuries and injury prevention. Students will gain an understanding of basic health concepts such as anatomy, physiology, first aid and CPR. The structure and function of the human body will be studied along with the psychology of injury, illness and care. This course will offer students an opportunity to integrate science and physical skills to learn about sports related injuries and prevention. This class will study human anatomy, physiology and kinesiology. The main topics of study include; recognition of injury, prevention of injury, treatment, injury assessment, evaluation of injury, rehabilitation, emergency care, nutrition and First Aid and CPR. Students will learn about emergency procedures and dealing with special injury/illness conditions. Students will also have an opportunity to become certified in First Aid and CPR.

**CODE: 554**

**DEPARTMENT: H.P.E.**

**COURSE NAME: FITNESS AND NUTRITION**

**CREDIT VALUE: ½ UNIT**

**COURSE DESCRIPTION:** This course is designed to teach science skills as they apply to food preparation, food production, and human nutrition. Students will explore the science behind many food preparation principles, the food production industry, and the structure and function of all of the essential nutrients. This class will also focus on the importance of physical activity by combining aerobic and anaerobic training throughout the semester. Topics that will be included in this course: Factors that influence food choices and nutritional status, making nutritional food choices, nutrients and nutrition guidelines, physical health and fitness, food safety and sanitation, preparing and serving nutritious foods.



**CODE: 201A/B**  
DEPARTMENT: MATH

**COURSE NAME: ALGEBRA I SKILLS**  
YEAR-LONG COURSE CREDIT VALUE: 1 UNIT

SPECIAL REQUIREMENTS: A NumWorks graphing calculator.

COURSE DESCRIPTION: Students will develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities and in using them to solve problems. Students will interpret functions graphically, numerically, symbolically, and verbally. Other topics will include the study of exponents, as well as quadratic and exponential functions. This course emphasizes the skills of Algebra rather than the properties and theories of algebra. A calculator is permitted throughout the course.

TEXTBOOK: CPM Core Connections Algebra by Dietiker, Kysh, Sallee, and Hoey

**CODE: 203A/B**  
DEPARTMENT: MATH

**COURSE NAME: ALGEBRA I**  
YEAR-LONG COURSE CREDIT VALUE: 1 UNIT

SPECIAL REQUIREMENTS: A NumWorks graphing calculator.

COURSE DESCRIPTION: Students will develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities and in using them to solve problems. Students will interpret functions graphically, numerically, symbolically, and verbally. Other topics will include the study of exponents, as well as quadratic and exponential functions. Students will learn to use a graphing calculator throughout the course although most of the assignments will be done without the aid of a calculator.

TEXTBOOK: CPM Core Connections Algebra by Dietiker, Kysh, Sallee, and Hoey

**CODE: 225**  
DEPARTMENT: MATH

**COURSE NAME: GEOMETRY SKILLS**  
YEAR-LONG COURSE CREDIT VALUE: 1 UNIT

SPECIAL REQUIREMENTS: A NumWorks graphing calculator.

COURSE DESCRIPTION: This course allows students to explore constructions of geometric figures with a compass and straightedge. Students will explore the relationships between various shapes and their properties. Students will also work extensively with perimeter, area, and volume. Transformations and logic will be included.

TEXTBOOK: CPM Core Connections Geometry by Dietiker, Kysh, Sallee, and Hoey

**CODE: 205A/B**  
DEPARTMENT: MATH

**COURSE NAME: GEOMETRY**  
YEAR-LONG COURSE CREDIT VALUE: 1 UNIT

SPECIAL REQUIREMENTS: A NumWorks graphing calculator.

COURSE DESCRIPTION: This course allows students to explore constructions of geometric figures with a compass and straightedge. Students will explore the relationships between various shapes and their properties. Students will also work extensively with perimeter, area, and volume. Transformations and logic will be included.

TEXTBOOK: CPM Core Connections Geometry by Dietiker, Kysh, Sallee, and Hoey

**CODE: 215A/B**  
DEPARTMENT: MATH

**COURSE NAME: HONORS GEOMETRY**  
YEAR LONG COURSE CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students should have a solid “B” or higher in Algebra I. Students will need a NumWorks graphing calculator, protractor, compass, and straightedge.

**COURSE DESCRIPTION:** This course allows students to explore constructions of geometric figures with a compass and straightedge. Students will explore the relationships between various shapes and their properties. Students will also work extensively with perimeter, area, and volume. Transformations and logic will be included. This is a fast paced course that will extend the topics from Geometry to prepare the student for Honors Algebra II.

**TEXTBOOK:** CPM Core Connections Geometry by Dietiker, Kysh, Sallee, and Hoey

**CODE: 207A/B**  
DEPARTMENT: MATH

**COURSE NAME: MATHEMATICAL MODELING & REASONING**  
YEAR LONG COURSE CREDIT VALUE: 1 UNIT

**COURSE DESCRIPTION:** The Mathematical Modeling and Reasoning course is an advanced reasoning course. The course can be taken in place of Algebra II for those students who do not plan to take Calculus. Quantitative Reasoning is the application of basic mathematic skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. The course emphasizes interpretation, representation, calculation, analysis/synthesis, assumptions and communication.

**TEXTBOOK:** None

**CODE: 217A/B**  
DEPARTMENT: MATH

**COURSE NAME: HONORS ALGEBRA II**  
YEAR-LONG COURSE CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** A NumWorks graphing calculator.

**COURSE DESCRIPTION:** This is a college preparatory course that will extend topics from Algebra I and Geometry. Students will learn operations on real and complex numbers, functions, and polynomials. They will graph and solve quadratic, exponential, polynomial, rational, radical, trigonometric and logarithmic functions. This is a fast paced course designed to prepare students for Dual Enrollment Algebra for Calculus Plus & Dual Enrollment Trigonometry.

**TEXTBOOK:** CPM Core Connections Algebra 2 by Kysh, Dietiker, Sallee, and Hoey

**CODE: KSi233**  
DEPARTMENT: MATH

**COURSE NAME: CCP INTRO TO STATISTICS**  
SEMESTER COURSE CREDIT VALUE: 1.3 UNIT

**SPECIAL REQUIREMENTS:** Quantitative Reasoning or Honors Algebra II is a prerequisite for this course. A NumWorks graphing calculator is required. Additional pre-requisites for college credit may apply.

**COURSE DESCRIPTION:** This is a one-semester long college course designed to meet the needs of students intending on majoring in biology, business, economics, education, nursing, psychology and sociology. The language and techniques of statistics, sample and theoretical frequency distributions, data dispersion and central tendency, probability, probability distributions, normal distributions, confidence intervals, hypothesis testing, and correlation are topics studied. For those who qualify, this course will be a Dual Enrollment course for college credit. Additional papers need to be completed for college credit through Kent State Stark.

**TEXTBOOK:** Essential Statistics (2nd edition) by Gould, Ryan, and Wong

**CODE: 200A/B**  
DEPARTMENT: MATH

**COURSE NAME: SENIOR MATH**  
YEAR-LONG COURSE CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** This class is designed only for senior students who are not planning on attending college.

**COURSE DESCRIPTION:** As the world around us changes and information comes at warp speed, it is more important than ever to be quantitatively literate. Yet most U.S. students leave high school with quantitative skills far below what they need and what employers are seeking, and virtually every college finds that many students need remedial mathematics. Based on the latest educational research, this class will help students develop the quantitative skills needed to be successful in school and the workplace, using real data, problems based on everyday situations, and activities built around topics that are recognizable and relevant.

**TEXTBOOK:** Math & You: The Power & Use of Mathematics by Larson

**CODE: KSi209A**  
DEPARTMENT: MATH

**COURSE NAME: CCP ALGEBRA FOR CALCULUS PLUS**  
SEMESTER COURSE CREDIT VALUE: 1.3 UNIT

**SPECIAL REQUIREMENTS:** Honors Algebra II. A Numworks graphing calculator is required. Additional prerequisites for college credit may apply.

**COURSE DESCRIPTION:** This course is designed to prepare college bound students for higher-level math. Topics include logarithms, polynomials, rational functions, matrices, sequences, series, and conic sections. For those who qualify, this course will be a Dual Enrollment course for college credit. Additional papers need to be completed for college credit through Kent State Stark.

**TEXTBOOK:** Algebra and Trigonometry (5th edition) by Beecher, Penna, and Bittinger

**CODE: KSi209B**  
DEPARTMENT: MATH

**COURSE NAME: CCP TRIGONOMETRY**  
SEMESTER COURSE CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Algebra for Calculus Plus is a prerequisite for this course. A NumWorks graphing calculator is required. Additional prerequisites for college credit may apply.

**COURSE DESCRIPTION:** This is a one-semester long college preparatory course designed to enhance student understanding of the basics, the background, and the application of trigonometric properties. Topics include trigonometric functions and their corresponding ratios, inverse trigonometric functions, degree and radian measure, the unit circle and its relationship with trigonometric values, identities, equation solving, polar coordinates and graphs, vectors, and the application of trigonometric principles to practical problem solving. Additional papers need to be completed for college credit through Kent State Stark.

**Note:** Together, CCP Algebra for Calculus Plus and CCP Trigonometry are the equivalent of a pre-calculus course.

**TEXTBOOK:** Algebra and Trigonometry (5th edition) by Beecher, Penna, and Bittinger

**CODE: KSi210A**  
DEPARTMENT: MATH

**COURSE NAME: CCP ANALYTIC GEOMETRY & CALCULUS I**  
SEMESTER COURSE CREDIT VALUE: 1.7 UNIT

**SPECIAL REQUIREMENTS:** A grade of C or better in CCP Algebra for Calculus Plus and CCP Trigonometry. A NumWorks graphing calculator is required.

**COURSE DESCRIPTION:** This is the first course in the Calculus sequence for science and math majors. The focus is on theory and techniques for limits, derivatives, antiderivatives, definite integrals, and their applications.

**TEXTBOOK:** Essential Calculus (2nd edition) by Stewart.

**CODE: KSi210B COURSE**  
**DEPARTMENT: MATH**

**NAME: CCP ANALYTIC GEOMETRY & CALCULUS II**  
**SEMESTER COURSE CREDIT VALUE: 1.7 UNIT**

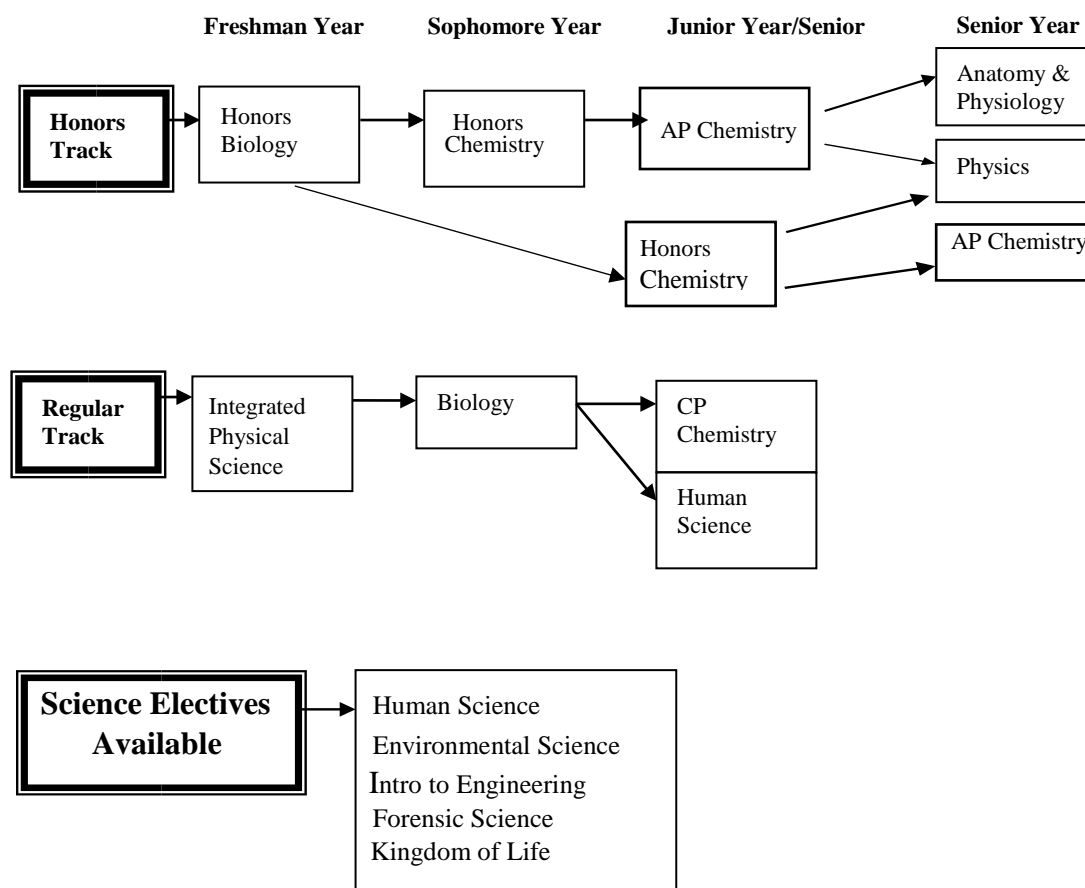
**SPECIAL REQUIREMENTS:** A grade of C or better in CCP Analytic Geometry & Calculus I is a prerequisite for this course. A NumWorks graphing calculator is required.

**COURSE DESCRIPTION:** This is the second course in the Calculus sequence for science and math majors. The focus is on transcendental functions and their applications, techniques of integration, indeterminate forms, and improper integrals, as well as an introduction to infinite sequences and series.

**TEXTBOOK(S):** Essential Calculus (2nd edition) by Stewart.

# SCIENCE

*Students need to complete (3) credits of science for graduation.* The following is a mapping showing the two basic high school tracks students can follow and a list of science electives.



**\*AP Chemistry will be offered every other year.**

\*Note: movement between tracks is possible with teacher recommendation.

Students may choose from a wide variety of coursework to meet graduation requirements. Recommendations from teachers are used along with standardized test scores and grades in previous science courses to aid in the placement of students in various science classes.

**CODE: 302**

**COURSE NAME: INTEGRATED PHYSICAL SCIENCE**

DEPARTMENT: SCIENCE

CREDIT VALUE: 1 UNIT

**COURSE DESCRIPTION:** This course is the third course in the Integrated Science series. This course will include study in the areas of earth/space science, chemistry and physics. Most of the emphasis will be on the physical sciences.

**CODE: 303**

**COURSE NAME: GENERAL BIOLOGY**

DEPARTMENT: SCIENCE

CREDIT VALUE: 1 UNIT

**COURSE DESCRIPTION:** This is the general survey course designed to cover the basic concepts, principles and theories of biology. Concepts such as heredity, evolution, diversity, and interdependence of life and cells will be taught. This course will be presented through a variety of methods including lecture, laboratory dissections and experiments, and hands on activities. There is an End of Course Exam for the State of Ohio to earn a seal for graduation.

**CODE: 313**

**COURSE NAME: HONORS BIOLOGY**

DEPARTMENT: SCIENCE

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** This course is open only to students with a “B+” or better average in Integrated Physical Science. Also, have a score of 80% or better on the first test in the course.

**COURSE DESCRIPTION:** This course will emphasize cellular biology heredity, evolution, diversity and interdependence of life. Lectures, labs, and various other techniques will be employed to guide students through this study. Students will gain a vast amount of knowledge biology and the study of life. It is a fast-paced, college preparatory class recommended for the top students. There is an End of Course Exam for the State of Ohio to earn a seal for graduation.

**CODE: 306A/B**

**COURSE NAME: COLLEGE PREP CHEMISTRY**

DEPARTMENT: SCIENCE

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students should have earned a “B” or better average in both Integrated Science and Biology and must have taken or be currently enrolled in Algebra II.

**COURSE DESCRIPTION:** This course deals with the structure of the atom and its relationship to the combining of two or more elements as well as many other physical science concepts. We will cover metric conversion, chemical formulas and reactions, gas laws, solution chemistry, Acid and Base chemistry and more. Everyday applications of chemistry are practiced with lab activities. This course is designed for the **college bound student**.

**CODE: 315**

**COURSE NAME: HONORS CHEMISTRY**

DEPARTMENT: SCIENCE

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students should have earned an “A” average in both Geometry and Honors Biology and must have taken or be currently enrolled in Algebra II. Students should have a strong desire to pursue **a fast-paced curriculum**.

**COURSE DESCRIPTION:** This course deals with the structure of the atom and its relationship to the combining of two or more elements as well as many other physical science concepts. We will cover metric conversion, chemical reactions, gas laws, solution chemistry, thermochemistry, Acid and Base chemistry and more. Everyday applications of chemistry are practiced with lab activities. This course is a great preparation for a college level course in chemistry. For students planning to study in the collegiate fields of math, science, nursing, medicine, or pharmacy, honors chemistry is a must.

**CODE: 316**

**COURSE NAME: AP CHEMISTRY A/B**

DEPARTMENT: SCIENCE

CREDIT VALUE: ½ UNIT/ ½ UNIT

**PRE-REQUISITE:** Honors Chemistry and Algebra II with a B or better. A test may be given for permission into this course. Students must receive an 80% or better on the test over the summer assignment. Test is given at the beginning of school.

**COURSE DESCRIPTION:** AP Chemistry should meet the objectives of a first year college chemistry course. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students’ abilities to think clearly and to express their ideas, orally and in writing with clarity and logic. The college course in general chemistry differ qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and nature and the variety of experiments done in the laboratory.

This course will also help to prepare students for the AP national exam which is given at the end of the year. Passing the AP national exam may earn college credit, depending upon the college that the student wishes to attend. This course requires 5 hours of homework per week and 20 hours of lab time per semester

\*There is a summer work packet required for this course\*

**CODE: 307**

**COURSE NAME: HUMAN ANATOMY and PHYSIOLOGY**

DEPARTMENT: SCIENCE

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** This is a senior level class preparing students for college. Juniors are accepted upon approval of instructor. Only students with an “A” in Honors Biology or a full year of Human Science with an “A” average.

**COURSE DESCRIPTION:** This course is designed to be an in-depth study of the human anatomy to prepare students for study in the fields of medicine. The physiology of the human body systems will also be addressed. Students planning collegiate study in nursing, allied health or medicine should strongly consider this course. Lab work on a feline specimen will be one of the features of this course.

**CODE: 343**

**COURSE NAME: ENVIRONMENTAL SCIENCE**

**DEPARTMENT: SCIENCE**

**CREDIT VALUE: ½ UNIT**

**SPECIAL REQUIREMENTS:** This class is open to 11<sup>th</sup> and 12<sup>th</sup> grade students as an elective course.

**COURSE DESCRIPTION:** Environmental Science is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which we live. This program provides one way in which students can become aware of the interactions of people and their environment. The curriculum focuses on concepts that are real-life issues. It promotes awareness and understanding of practical everyday problems that affect their lives.

**CODE: 320**

**COURSE NAME: HUMAN SCIENCE A**

**DEPARTMENT: SCIENCE**

**CREDIT VALUE: ½ UNIT**

**SPECIAL REQUIREMENTS:** SOPHOMORE, JUNIOR, SENIOR CLASS ONLY

**COURSE DESCRIPTION:** This semester course will cover the following areas of the Human Anatomy: common prefixes and suffixes, terminology used in the medical field, human surface anatomy, anatomy of skin, skeletal system, articulations, muscular system, and the nervous system. Grade will be based on class projects, quizzes, and the semester final.

**CODE: 321**

**COURSE NAME: HUMAN SCIENCE B**

**DEPARTMENT: SCIENCE**

**CREDIT VALUE: ½ UNIT**

**SPECIAL REQUIREMENTS:** SOPHOMORE, JUNIOR, SENIOR CLASS ONLY

**COURSE DESCRIPTION:** This semester course will cover the following areas of the Human Anatomy: circulatory system, urinary and respiratory system, digestive system and the reproductive system. Grade will be based on class projects, quizzes, and the semester final.

**CODE: 350**

**COURSE NAME: KINGDOM OF LIFE**

**DEPARTMENT: SCIENCE**

**CREDIT VALUE: ½ UNIT**

**COURSE DESCRIPTION:** This class will look at the relationships of organisms based on the taxonomy of the organisms. We will examine organisms including the simplest such as sponges and cnidarians to the most complex vertebrates.



**CODE: 323**

DEPARTMENT: SCIENCE

**COURSE NAME: FORENSIC SCIENCE**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENT:** This class is open to 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grade students as an elective course.

**COURSE DESCRIPTION:** This is a lab-based course investigating the specific techniques used to collect and analyze evidence. Topics will include crime scene investigating, blood and blood splatter, fingerprinting, toxicology, manner of death, ballistics and others. Students will also examine case studies and careers in forensic science.

**CODE: 359**

DEPARTMENT: SCIENCE

**COURSE NAME: PHYSICS**

CREDIT VALUE: 1 UNIT

**SPECIAL REQUIREMENTS:** Students must have earned a “B” or higher in both Algebra II and Chemistry and have had Algebra for Calculus Plus.

**COURSE DESCRIPTION:** This course deals with the relationship between matter and energy. It covers basically four areas: mechanics, heat, waves, and electricity.

**CODE: 361**

DEPARTMENT: SCIENCE

**COURSE NAME: INTRO TO ENGINEERING**

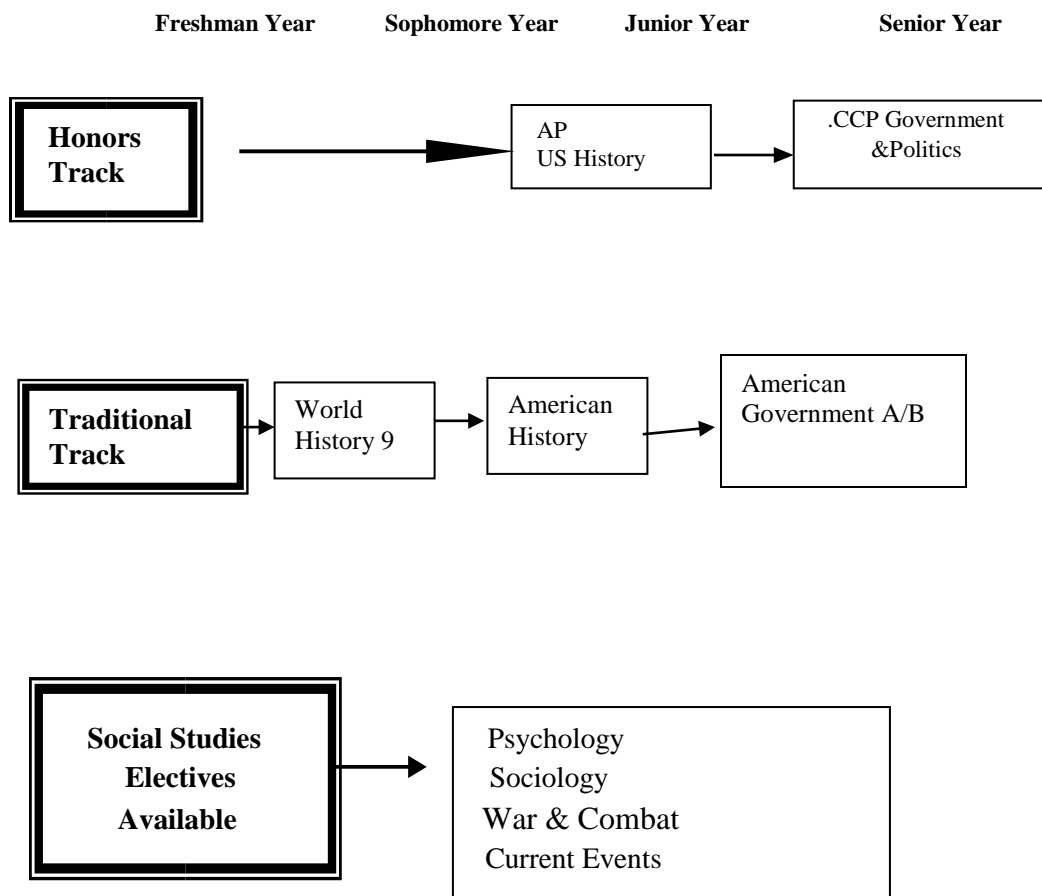
CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** Students in this course will complete engineering design challenges while learning about introductory principals of engineering and different careers in the engineering field. Students will get to practice using the engineering design process as they work with their team to brainstorm, create, and improve solutions to different types of problems.



# SOCIAL STUDIES

*Students need to complete (3) credits of social studies for graduation.* The following is a mapping showing the two basic high school tracks students can follow and a list of social studies electives.



Note: movement between tracks is possible with teacher recommendation.

Students may choose from a wide variety of coursework to meet graduation requirements. Recommendations from teachers are used along with standardized test scores and grades in previous social studies courses to aid in the placement of students in various social studies classes.

**CODE: 400**

**COURSE NAME: WORLD HISTORY 9**

**DEPARTMENT: SOCIAL STUDIES**

**CREDIT VALUE: 1 UNIT**

**COURSE DESCRIPTION:** The focus of the course will continue the chronological study of world history beginning at the Age of Revolution and concluding with the 20<sup>th</sup> Century. Students will study historic eras, consider the influence of geographical settings, cultural perspectives, economic systems and various forms of governments. The course is a culmination of the various areas of social studies and the influence of each area on a specific event or “Big Idea”. The intent is to break down the causes and effects of each “Big Idea” from every possible angle to understand the true international impact both then and now.

**CODE: 403**

**COURSE NAME: AMERICAN HISTORY**

**DEPARTMENT: SOCIAL STUDIES**

**CREDIT VALUE: 1 UNIT**

**COURSE DESCRIPTION:** This is the basic survey of American history course. Students will be required to take notes, work on textbook assignments, and write a paper on an assigned President. This course is designed to cover the American historical experience, with an emphasis on the period of 1877 to the present. This course is aligned with the end of the course exam given by State of Ohio.

**CODE: 416**

**COURSE NAME: AP U.S. HISTORY A/B**

**DEPARTMENT: SOCIAL STUDIES**

**CREDIT VALUE: ½ UNIT/ ½ UNIT**

**SPECIAL REQUIREMENTS:** Must have a 22 or higher in reading on the ACT. This course is open to 10<sup>th</sup> grade students who earned a final average “A” in 9<sup>th</sup> grade World History. Students who wish to take this course will be required to complete summer reading/writing assignments.

**COURSE DESCRIPTION:** AP U.S. History is a challenging college prep course. It is a two semester survey of U.S. History covering material from the Colonial America Period to the Present. Solid reading and writing skills are essential, along with a strong desire to devote considerable time to homework to do well in the course. Emphasis will be placed on critical thinking skills, tests, quizzes, essay writing, projects, and interpreting key U.S. historical documents. It is highly suggested that all students enrolled in this course take the AP Exam, which is administered in May. Passing the AP Exam may earn college credit, depending upon college of student’s choice.

**CODE: 407**

**COURSE NAME: SOCIOLOGY**

**DEPARTMENT: SOCIAL STUDIES**

**CREDIT VALUE: ½ UNIT**

**SPECIAL REQUIREMENTS:** This class is open to 10<sup>th</sup> & 12<sup>th</sup> grade students.

**COURSE DESCRIPTION:** This course is the study of human social behavior. As the study of humans in their collective aspect, sociology is concerned with all group activities – economic, social, political, and religious. In this course you will focus on the following seven themes:

\*Culture and Society  
\*Race, Ethnicity and Social Class  
\*Economic and Political Systems  
\*Religion and Education

\*Social Change  
\*Family  
\*The Individual in Society

**CODE: 415**

**COURSE NAME: CCP GOVERNMENT & POLITICS**

DEPARTMENT: SOCIAL STUDIES

CREDIT VALUE: 1 UNIT/ 3 COLLEGE CREDITS

**SPECIAL REQUIREMENTS:** Paperwork and qualified application to Stark State

**COURSE DESCRIPTION:** This class is a full year option. The course will go into American Government in depth. Students will study both the institution of government and philosophies of how these institutions should work. There will be a special in-depth look at the Supreme Court and other legal institutions. Emphasis will be on writing, philosophy, and institutions. Students who wish to take this class will be required to write every week.

**CODE: 408**

**COURSE NAME: PSYCHOLOGY**

DEPARTMENT: SOCIAL STUDIES

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** This class is open to 10<sup>th</sup> & 12<sup>th</sup> grade students.

**COURSE DESCRIPTION:** Psychology is an introduction to the scientific study of behavior within the individual. Topics surveyed will include the study of brain-behavior relationships, sensation and perception, learning, memory and thinking social personality psychology, lifespan development, psychological disorders and psychotherapy. This course is designed to help the student gain knowledge of the sequence of human development from conception and birth through infancy, childhood, adolescence, adulthood and aging. The impact of biological and interpersonal factors in the growth and maturation of the individual is considered. Psychology will be an introduction to the study of the brain and behavior. The brain is the only organ that studies itself. In this course student will become familiar with recent advances in the growing field of Neuroscience as they consider how their brains work and how the nervous system grows, perceives, controls the body, sleeps, ages and responds to damage and disease. The fundamental skills covered in this course include scientific literacy, critical thinking, and familiarity with written and oral presentation techniques used in the field of psychology.

**CODE: 432**

**COURSE NAME: WAR & COMBAT**

DEPARTMENT: SOCIAL STUDIES

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** A survey course designed to take a deeper look at warfare throughout the past and present, including arms and tactics. Students will examine the constantly evolving nature of combat and draw comparisons involving different eras of history. Areas of emphasis will include battlefield technology and important battles.

**CODE: 444**

**DEPARTMENT: SOCIAL STUDIES**

**COURSE NAME: CURRENT EVENTS**

**CREDIT VALUE: ½ UNIT**

**COURSE DESCRIPTION:** This class is a Social Studies elective that focuses on Local, State, National and World current events. The main objective of this class is to examine the country/world that each of us lives in. Projects, quizzes, current event summaries/personal reactions, research paper, and class participation will be used to assess student learning.

# TECHNOLOGY

## COURSE FEES OF \$20 FOR ANY MAKERS CLASS

**CODE: 088**

DEPARTMENT: TECHNOLOGY

**COURSE NAME: COMPUTER SCIENCE I**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This class will introduce students to the world of programming using the Alice 2 programming language. We will also be utilizing some hands on activities by using Arduino microcontrollers to build simple to complex circuits with the Java based Arduino coding software. It is likely that we will also find time to solder small projects in class. We will also be using Code.org for a variety of ideas and curriculum. The majority of the work in this class will be done on a computer and it will be at times frustrating, if you like problem solving this might be a good course to examine.

**CODE: 058**

DEPARTMENT: TECHNOLOGY

**COURSE NAME: INDUSTRIAL MAKERS**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** \*This course will come with a fee. Like to tinker, build and compete? This course is unique and you will design and build almost everything in this course. We will also have a number of group challenges where you will compete against your classmates for grades and prestige. Some of the materials we will use: glue, tape, straws, wood, wire, cardboard, tools, paper and hopefully our new Makers cart just to name a few.

**CODE: 057**

DEPARTMENT: TECHNOLOGY

**COURSE NAME: EXPRESSIVE MAKERS**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** \*This course will come with a fee. Learn what it means to be a “Maker” – tinker, explore, solve, and construct creative projects. In this course you will learn how to use basic tools, computer programs, the Glow forge (laser printer) and many other things to assemble your ideas. This course is designed to give you the chance to understand what being a “Maker” is all about, and learn some basic skills in which to apply your ideas to the real-world.

**CODE: 059**

DEPARTMENT: TECHNOLOGY

**COURSE NAME: ADVANCED MAKERS**

CREDIT VALUE ½ UNIT

**COURSE DESCRIPTION:** \*This course will come with a fee. This course is a follow up to Industrial Makers and Expressive Makers. You should be recommended or approved by Mr. Lepley before signing up for this course. This course will feature a great deal of woodworking and using the Glow forge. If you participated in Industrial Makers or Expressive Makers and you didn't care for that type of work this is not your class. In addition, Adobe Illustrator is our driver for Advanced Makers, so if you don't know Illustrator and do not want to learn this software, this will not be the course for you. If you enjoy building and problem solving and making awesome pieces then this course is for you. We will use a large variety of tools and try different techniques throughout the course.

You will need to acquire and purchase materials for this class, repeat you will need to buy materials for this class.

Highly recommended prerequisites

- Industrial Makers or Expressive Makers
- Adobe Photoshop and/or Adobe Illustrator
- Also motivation to do things is also highly recommended
- 

**CODE: 068**

DEPARTMENT: TECHNOLOGY

**COURSE NAME: ADOBE PHOTOSHOP**

CREDIT VALUE: ½ UNIT – ½ UNIT

**COURSE DESCRIPTION:** This course should be considered by those who have an interest in Art. In this course you will learn by doing. No lectures will be given but video tutorials will be used to help learn this dynamic software. Check out the displays of work next to Mr. Lepley's classroom. Please be aware that this will be a computer intensive course so please be aware of that.

**CODE: 069**

DEPARTMENT: TECHNOLOGY

**COURSE NAME: ADOBE ILLUSTRATOR**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** This course should be considered by those who have an interest in Art. In this course you will learn by doing. No lectures will be given but video tutorials will be used to help learn this dynamic software. Illustrator is much more artistically driven than Photoshop and we will be using the drawing tablets among other items for this class. Please be aware that this will be a computer intensive course.

**CODE: 289**

SEMESTER-LONG COURSE

DEPARTMENT: TECHNOLOGY

**COURSE NAME: ROBOTICS I**

CREDIT VALUE: ½ UNIT

**COURSE DESCRIPTION:** \*This course will come with a fee. This course provides an introduction to robotics for students with no programming background using LEGO MINDSTORMS EV3 kits. Students will learn to construct and program robots through team investigations and exploration activities. Intensive group projects will expose students to the engineering process.

**CODE: 290**

SEMESTER-LONG COURSE

DEPARTMENT: TECHNOLOGY

**COURSE NAME: ROBOTICS II**

CREDIT VALUE: ½ UNIT

**SPECIAL REQUIREMENTS:** Completion of Robotics I

**COURSE DESCRIPTION:** \*This course will come with a fee. Students will work in teams to prepare for one or more robotics competitions. To do so, students will take on roles such as design engineer, construction engineer, and programmer to solve problems of their choice. Students will have to select two or more competitions to compete in, ultimately working on creating at least two robots that can compete at a regional and/or national level. Challenges will be selected from the Drones in School competition (<https://www.dronesinschool.com/>) and from the National Robotics Competition (<https://www.thenrc.org/>).



# **SPECIAL EDUCATION**

Chippewa High School has full time intervention specialists who develop and implement individualized education programs for students who qualify for special education services.

Students who are considered to be “at risk” may also receive services from the intervention specialist if deemed appropriate by an Intervention Assistance Team.

Parents who have questions regarding the procedure for qualifying for special education services should contact one of the Guidance Counselors.

CHIPPEWA LOCAL SCHOOLS  
CHIPPEWA HIGH SCHOOL EDUCATIONAL OPTIONS

**CHIPPEWA HIGH SCHOOL CREDIT FLEXIBILITY INFORMATION AND GUIDELINES**

Credit Flexibility applies to any alternative coursework, assessment and/or performance that demonstrate proficiency qualified to be awarded equivalent graduation credit as applied for and approved in advance by the school district. Approved credit awarded through this policy will be posted on the student's transcript and counted as required graduation credit in the related subject areas or as an elective. The Flex Credit option can be completed outside the traditional school day.

**APPLICATION**

Only Chippewa High School student (grades 9-12) may apply for credit to be awarded through Credit Flexibility. The student will submit an application, which may be obtained from the guidance office, on the district **Application for Credit Flexibility** form. All required information must be provided. The student may be required to provide supporting documentation as determined by the Credit Flexibility Panel (CFP).

**COST**

The student assumes sole responsibility for all costs associated with the student proposed activities, materials, assessments and application for Credit Flexibility including Credit by Examination/Demonstration Option.

**REVIEW OF APPLICATION**

The application will be reviewed by the CFP (High School Principal, High School Guidance Counselor, department member within subject area). Upon approval of a completed application, the student may then proceed with the learning activity. Credit will be awarded when all requirements are completed and evaluated. The CFP may consult with the facilitator of the related department or others as needed to provide needed information prior to making a decision regarding the awarding or denial of credit.

**AWARDING CREDIT**

A student may be eligible to receive credit upon satisfactory completion of the alternative coursework, activity, assessment and/or performance as required by the CFP. The following standards and guidelines apply to awarding credit:

- The total number of credits that may be awarded is not limited.
- The successful completion of a preapproved course may result in credit being designated as fulfilling either required or elective credit toward graduation requirements.
- All courses, as applicable, must be aligned to the Ohio Academic Content Standards to receive credit.

# **WAYNE COUNTY SCHOOLS CAREER CENTER**

## **PROGRAM OFFERINGS**

Chippewa High School offers students an opportunity to complete two years of vocational training at the Wayne County Schools Career Center in Smithville, Ohio. Applications and supplement materials are available in Guidance Office. Some of these programs require additional testing or college readiness eligibility.

### **CONSTRUCTION**

- \*Building & Grounds
- \*Construction Technology
- \*Power line Technologies

### **HEALTH**

- +\*Dental Assisting
- +Exercise Science & Sports Medicine
- +\*Medical Assisting
- +\*Practical Nursing
- \*Patient Care Technologies

### **PUBLIC SERVICE**

- +Animal Science
- +\*Cosmetology
- +\*Criminal Justice
- \*Culinary Arts
- \*Hospitality
- +Early Childhood Education

### **MANUFACTURING/ENGINEERING**

- +Engineering Technologies
- +\*Machining Technologies
- \*Welding Technologies

### **MECHANICS**

- +Auto Technologies
- \*Diesel Technologies

### **TECHNOLOGY**

- +\*Industrial Electronics
- +\*Interactive Media
- +Graphic Design and Photography
- +Business Entrepreneurship - CCP

### **RAMTEC**

- \*Senior Only
- CNC Manufacturing
- Robotics & Automation

### **AGRICULTURE**

- AG Mechanics/Power Technologies
- +\*Agribusiness & Livestock Production

**\*Programs with an asterisk have certification.**

**+Programs include College Credit Plus options.**

