# SPRINGFIELD HIGH SCHOOL 

 1470 S. MCCORD ROAD * HOLLAND, OHIO 43528 MAIN OFFICE: 419.867.5633 SCHOOL COUNSELOR'S OFFICE: 419.867.5623 www.springfield-schools.org
## CURRICULUM GUIDE 2023-24

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## GENERAL INFORMATION

## GRADUATION REQUIREMENTS <br> Class of 2023 Graduation Requirements:

1) Demonstrate Competency: Students must demonstrate competency in math and English by earning a passing score on the state's Algebra I and English II tests. Students who have taken required tests more than once without passing and have received remedial support are able to show competency through one of the options: Earn credit for one math and/or one English course through College Credit Plus; or Demonstrate career readiness and technical skill through foundational and supporting options; or Enter into a contract to enlist in the military upon graduation.
2) Preparation for College or Careers: Students must earn two of the twelve diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions.

## CREDIT REQUIREMENTS

Twenty-four (24) units of credit above the eighth grade are required for the class of 2024 for graduation. Twenty-one (21) units of credit above the eighth grade are required for students who complete a program through the Penta Career Center. Within the total units of credit, the following minimum credits of core courses must be completed:

English
4.0 credits

Mathematics
Science
Social Studies
3.0 credits (Includes Physical Science, Biology, Advanced Science)
3.0 credits (Includes World \& US History 9 \& 10 ,

Government, Economics)
Health
0.5 credit

Physical Education 0.5 credit (Please see substitution options below)
Fine Arts
1.0 credit

Electives
8.0 credits (May include foreign language)

Please note the following regarding course requirements:

- Students may elect to complete 2.0 credits of JROTC as a substitute for the physical education requirement.
- Students may elect to waive the physical education requirement by completing two seasons of Marching Band/Color Guard or two seasons of interscholastic athletics.
- A minimum 2.0 credits of a foreign language is strongly recommended for college preparation.
- Students enrolled in a Penta Career Center program are exempted from the Fine Arts and Economics course requirements.
- Additional credits needed to meet the overall required total units of credit may be earned through any combination of courses.


## ADMINISTRATORS:

Mr. Robb Brown, Principal
419.867.5621
robbbrown@springfield-schools.org
Mr. Kevin Rupp, Asst. Principal 419.867.5622
kevinrupp@springfield-schools.orq
Mr. Andrew Screptock, AP / AD 419.867.5640
andrewscreptock@springfield-schools.org
Mrs. Hilary Steinmiller, Asst. Principal 419.867.5623
hilarysteinmiller@springfield-schools.orq

## SCHOOL COUNSELORS:

Mrs. Latrice McCarver, Gr. 10-12, A-G
419.867.5741
latricemccarver@springfield-schools.org
Mrs. Stacie Stroshine, Gr. 10-12, H-O 419.867.5625
staciestroshine@springfield-schools.org
Mr. Kurtis Tucker, Gr. 10-12, P-Z
419.867.5626
kurtistucker@springfield-schools.org
Mrs. Marya Singleton, All 9th Grade 419.867.5619
maryasingleton@springfield-schools.org


## COURSES LISTED BY DEPARTMENT

ART


#### Abstract

2D Design: This course is the basis for all two dimensional art classes. Theories of art, principles of design and elements of art will be the focus of this class. The student will explore a wide variety of media and styles in the area of two dimensional art. This art class is offered to freshmen thru seniors. Spiral sketchbook is required. Additional supplies may also be required. This course is the first step toward developing a portfolio for career and college admissions requirements.


Prerequisite: None<br>Credit: 0.5 Length: 1 Trimester Grades: 9-12

3D Design: This course is the basis for all three dimensional art classes. Theories of art, elements and principles of design will be the focus of this class. The student will explore a wide variety of media and styles of art in three dimensional forms. This art class is offered to freshmen thru seniors. Spiral sketchbook is required. Additional supplies may also be required. This course is the first step toward developing a portfolio for career and college admissions requirements.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 9-12

Painting 1: This studio course is designed to provide students with basic painting skills. Students will explore various styles and techniques along with color theory, along with the elements and principles of art. This course is the first step toward developing a portfolio for career and college admissions requirements.. The students will also work with the media of watercolors and acrylics. Spiral sketchbook is required. Additional supplies may also be required.

## Prerequisite: 2D Design

Credit: 0.5 Length: 1 Trimester Grades: 10-12
Advanced Painting: Students will build on skills and knowledge learned in Painting 1. Emphasis will be placed upon personal expression through the media of watercolor and acrylic paints. A variety of both traditional and non-traditional painting techniques will be explored. Students will be exploring personal development of art style.This course is the furthering step toward a portfolio for college admissions requirements. Spiral sketchbook is required. Additional supplies may also be required
Prerequisite: Painting 1-(C or higher)
Credit: 0.5 Length: 1 Trimester Grades: 10-12

Drawing 1: Drawing 1 is a studio course. This class is designed for the beginning drawing student, as well as for the student wishing to further develop drawing skills already acquired. Students will be exposed to basic drawing skills including shading techniques and a variety of drawing styles. This course is the first step toward developing a portfolio for career and college admissions requirements. Spiral sketchbook is required. Additional supplies may be required
Prerequisite: 2D Design
Credit: 0.5 Length: 1 Trimester Grades: 10-12
Advanced Drawing: Drawing 1 is a studio course. This class is designed for the beginning drawing student, as well as for the student wishing to further develop drawing skills already acquired. Students will be exposed to basic drawing skills including shading techniques and a variety of drawing
111 styles. This course is the first step toward developing a portfolio for career and college admissions requirements. Spiral sketchbook is required. Additional supplies may be required

## Prerequisite: Drawing 1-(C or higher) <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12

Sculpture 1: Sculpture 1 students will study a variety of sculptural styles and sculptors. Working in the style of selected artists, students will create sculptures utilizing soft and hard form sculptures. Evaluation is based upon the quality of finished projects and student effort.This course is the first step toward developing a portfolio for career and college admissions requirements.. Spiral sketchbook is required. Additional supplies may also be required.

## Prerequisite: 3D Design

Credit: 0.5 Length: 1 Trimester Grades: 10-12
Advanced Sculpture: Advanced sculpture students will build on skills and knowledge learned in Sculpture 1. Traditional and non-traditional artists, techniques and materials will be explored. Emphasis will be placed upon personal expression, independent planning and execution of works and communication through three-dimensional art forms.This course is a continuing step toward developing a portfolio for career and college admissions requirements.. Spiral sketchbook is required. Additional supplies may also be required.
Prerequisite: Sculpture 1-(C or higher)
Credit: 0.5 Length: 1 Trimester Grades: 10-12

| 120 | Ceramics 1: Ceramics 1 is a studio course that offers the student a basic understanding of clay as an art form. Emphasis will be placed on developing basic ceramic skills. In this class, students will focus on the coil, slab and hand building. Spiral sketchbook is required. Additional supplies may also be required. <br> Prerequisite: 3D Design <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 | 130 | Basic Z-Brush Digital Art: This course will look at developing and expanding skills in digital arts using ZBrush is a digital sculpting tool that combines $3 \mathrm{D} / 2.5 \mathrm{D}$ modeling, texturing and painting. It uses a proprietary "pixol" technology (see below), which stores lighting, color, material, orientation, and depth information for the points making up all objects on the screen. To develop a portfolio and work towards 3 D printing. ZBrush is the most advanced 3D sculpting program out there. What separates it from other 3 D tools is that ZBrush mimics traditional sculpting techniques all done digitally on a computer. Sculpting in ZBrush is akin to working with a digital ball of clay, shaping it as if you were working by hand. The sculpting tools from ZBrush allow a wide degree of creative freedom. Not only can artists create more organic and detailed models using ZBrush, but they can also often arrive at the finished product much faster than with other programs like Maya or 3ds Max. This course is the first step toward developing a portfolio for career and college admissions requirements.. <br> Sketchbook and flash drive are required. Additional supplies may also be required. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grades: 9-12 |
| :---: | :---: | :---: | :---: |
| 121 | Advanced Ceramics: This is an advanced studio course with high expectations. Students will be working with clay using various construction techniques. This course will expand on the skills previously learned in Ceramics 1. Students will be involved in written and oral assignments, texts, exams and the production of utilitarian and fine art forms made of clay. Spiral sketchbook is required. Additional supplies may also be required. <br> Prerequisite: Ceramics 1-(C or higher) <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 |  | Click below to view the Z-Brush Video |
| 128 | Graphics and Design: This course is for students who have a strong interest in computer-generated art and possibly considering a career in graphic design. Students will learn the basic techniques in graphic programs such as Adobe Photoshop \& Illustrator to create original digital artwork reflecting the use of design principles. Projects in graphic design, illustration, web graphics, layouts, and $3 D$ design will be explored. Specific assignments may include band posters, $t$-shirt design and CD/DVD packaging. Students will also research career opportunities within the field. This course is the first step toward developing a portfolio for career and college admissions requirements. <br> IRC's Embedded: Adobe Certified Expert Photoshop CC(4) \& Adobe Certified Illustrator CC (4) - Pending ACE Exam Options <br> Prerequisite: 2D Design <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 | C- 131 | Intermediate ZBrush: This course builds off the basic ZBrush course. Students will develop sculptures that can be 3D printed, along with understanding of slicing programs. Intermediate ZBrush will have developed multi part sculptures, advanced posing and coloration for digital assets. Students will build hard edged sculptures and continue to learn the over 400 tools/brushes within the program. This course is a continuing step toward developing a portfolio for career and college admissions requirements.. Sketchbook and flash drive are required. Additional supplies may also be required. <br> Prerequisite: Basic Z-Brush <br> Credit: 0.5 Length: 1 Trimester Grades: 9-12 |

## ART - continued

Advanced ZBrush: This course builds off the Intermediate ZBrush course. Students will develop sculptures then learn how to use slicing software that allows the students to 3 D print their digital creations. Advanced ZBrush will have developed multi part sculptures, advanced posing and coloration for digital assets. Students will build mastery of the Zbrush program and look to exploration of career and continuing education. This course is a continuing step toward developing a portfolio for career and college admissions requirements.. Sketchbook and flash drive are required. Additional supplies may also be required.

## Prerequisite: Intermediate ZBrush <br> Credit: 0.5 Length: 1 Trimester Grades: 9-12

Portfolio Preparation: Portfolio Prep is for the student who will be attending a college or university for the post-secondary study of art or pursuing a career that requires a portfolio. The Portfolio Prep student will complete a portfolio of work suitable for admission and scholarship application or to present to a potential employer. Students will undergo a portfolio examination and conference prior to starting this course to determine the types and number of projects required. A spiral sketchbook is required and a portfolio to transport work. Additional supplies may also be required.

Prerequisite: Either or both 2D Design and/or 3D Design; Two additional art classes (B or better), Art teacher recommendation
Credit: 0.5 Length: 1 Trimester Grades: 11-12

Advanced Graphics Design \& Illustration: The advanced graphics program teaches students about image file types, cropping images, compositing (putting several images together), ghosting images (for use as web page backgrounds), using layers, creating masks, applying filters, and formatting text with bevels and other effects in basic design elements. The program also introduces students to utilizing digital media in 2-D and 3-D formats as well as helps them understand scanning, printing, and using an Internet browser to create images and manipulate and communicate digital information. Students also gain an understanding of the interface between different software to create a final outcome (e.g.: multimedia presentations, desktop publishing. Project examples include CD covers, magazine ads, photographic reconstruction, animated GIF, multimedia presentations, public service announcements, animation in $2-\mathrm{D}$ and $3-\mathrm{D}$, videography, and video and sound editing, 3D sculpting and printing prototyping. This course is a continuing step toward developing a portfolio for career and college admissions requirements.
IRC Embedded: Adobe Certified Associate Visual Communication Using Adobe Photoshop (4) \& Adobe Certified Associate Graphic Design and Illustration using Adobe Illustrator (4)

Prerequisite: Painting 1-(C or higher) Credit: 0.5 Length: 1 Trimester Grades: 10-12

## Business and Computer Technology

## Business Pathway Application Link: https://forms.gle/5uoCjA894Ngd0dcu7

Hospitality Management: Have you thought about that dream vacation? Students will learn about how to run restaurants, hotels, and travel agencies. Students will also plan vacations within certain budgets to locations all over the world. Famous tourist locations will be studied. Students will also evaluate current practices at local locations and develop ideas for improvement. This course will help prepare students for work in many career fields and prepare them for business classes in college.
IRC's Embedded: Telephone Doctor (1)
Prerequisite:
Credit: 0.5 Length: 1 Trimester Grades: 11-12
Business Foundations: This course introduces students to the world of technology and business management. Students will learn interviewing and business etiquette skills and put them to learn interviewing and business etiquette skills and put them to
use during a business lunch! Students will be introduced to basic business activities, forms of businesses, franchises, business math, banking, finance, and marketing. Students will learn how to make a business plan in case they want to own their own business one day. There will be many computer and internet activities. This project-based class provides students with hands-on, real-life, workplace situations.
This is the introductory course of Career Tech Pathway Course. C4 Pathway 141000.

Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grades: 9-10
current business topics and how business serves the economy. Students will develop skills through real-life activities, including a true-to-life Family Money Management simulation project and internet projects.
This course is a Career Tech Pathway Course. C4 Pathway 142000.
Prerequisite: Business Foundations
Credit: 0.5 Length: 1 Trimester Grades: 11 Credit: 0.5 Length: 1 Trimester Grades: 11-12
> will be Google Docs, Sheets and Slides. Students will also have keyboarding and computer processing skills reinforced.

> Prerequisite: None
> Credit: 0.5 Length: 1 Trimester Grades: 9-12
> Workplace Applications: Workplace applications are designed to teach students the formal process of computers in the workplace. Students will learn the proper format for a business letter, generating reports, personal letters, resume writing and other documenting programs. Software utilized


#### Abstract

Microsoft Exce: Are you challenged when it comes to math, formulas or figuring out how to calculate things? Wouldn't it be nice to let the computer do it for you? Have you ever had to sort a long list or find something out by searching through a lot of information? Answer these questions by registering for Microsoft Excel class. This course is designed to give students the basic concepts and features of Microsoft Excel as well as develop advanced spreadsheet applications. This hands-on course will give the student an overview of creating and formatting worksheets, manipulating data, and designing charts.


Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grades: 9-12

## Business and Computer Technology - continued

Finance Foundations: Do you like working with money or would you like to learn how to manage it? Are you interested in a career involving money? Perhaps this Finance class is for you. This is the first course specific to Finance. It introduces students to the specializations offered in the career field. Students will obtain fundamental knowledge and skills in accounting, banking services, corporate finance, insurance, and securities and investments. They will acquire knowledge of financial analysis and application, business law and ethics, economics, international business and business relationships. Knowledge management and information technology will be emphasized. Employability skills, leadership and communications will be incorporated in classroom activities.

Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grades: 9-12
Entrepreneurship: Entrepreneurship will be a class that introduces students to the basic skills needed to be entrepreneurs or to work in the business world. This course will incorporate both theory and hands-on, practical learning. Finally, this course looks into creating different types of business, different management roles, and the rewards and benefits of owning a business.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 9-12

Microsoft Word Specialist: Explore and enhance your computer and word processing skills for personal, school/college, and career. The focus of this course is to provide knowledge and skills associated with Microsoft Word application in preparation of taking the Microsoft Word Certification Test. Students will create various documents: reports, business letters, tables, databases, spreadsheets, and brochures. In addition, students will expand their knowledge of computer terminology, parts of a computer, and search strategies on the Internet.
IRC Embedded: Microsoft Word (3)

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 9-12

Game Design A: Students will use animation software to learn fundamental video game design and basic programming concepts. Students will use 3-D virtual worlds to learn and develop these concepts. This course is hands-on and primarily project-based. Students will spend time discussing current events involving business topics and new technology. By the end of the course, students will be able to make entertaining animations or exciting video games.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 9-12

Strategic Entrepreneurship A: Strategic Entrepreneurship A will be an exciting class that introduces students to the skills needed to be entrepreneurs or to work in the business world. Students will learn the necessities of starting and owning their own business and how to ultimately become financially successful. This course will incorporate both theory and hands-on, practical learning. Guest speakers will share how they have been successful starting their own businesses. Students will complete projects similar to those that business professionals would encounter.
This is a Career Tech Pathway Course. C4 Pathway 141030. *Has the potential to earn college credit

Prerequisite: Business Foundations
Credit: 0.5 Length: 1 Trimester Grades: 12
Strategic Entrepreneurship B: Strategic Entrepreneurship $B$ is an extension of Entrepreneurship A. We will be looking into creating different types of business, different management roles, and the rewards and benefits of owning a business. The course will be very business based, and will require students to think creatively.
This is a Career Tech Pathway Course. C4 Pathway 141030. *Has the potential to earn college credit
Prerequisite: Strategic Entrepreneurship A Credit: 0.5 Length: 1 Trimester Grades: 12

Game Design B: Students will build on skills learned in Game Design A. Students will be creating higher level games using Multimedia Fusion Programming software while learning more about game planning and development physics.
Prerequisite: Video Game Design A
B Credit: 0.5 Length: 1 Trimester Grades: 9-12

Web Page Design and Development: In this course, students will become part of the exploding career world of dot coms by learning to produce websites that are effective and exciting. This class will walk students step-by-step through planning, developing, launching, and maintaining a successful website. Students will learn HTML, and CSS programming to produce amazing websites.
Prerequisite: Video Game Design A
Credit: 0.5 Length: 1 Trimester Grades: $\mathbf{9 - 1 2}$

## Business and Computer Technology - continued

International Business: Technology and the Internet have made it easy for many businesses to expand into global markets. Did you know making direct eye contact with someone older than you could be considered disrespectful in some cultures? This course will introduce students to what is required to enter the international marketplace. Students will learn about many different world cultures. Before doing business with someone from another culture you need to understand the culture so you don't offend them. Students will explore the process of international trade through the topics of international communication, importing, exporting, and the operations of multinational companies.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 10-12
Consumer Law: Students will learn basic legal principles and how to recognize and avoid consumer legal problems. The course should appeal to both business and nonbusiness majors because of the practical implications for personal use. Topics will include the Bill of Rights, ethics, crimes, torts, labels, and warranties. Also covered will be the right to be informed, the right to safety, the right to choose and the right to be heard. Students will take a court tour to see our judicial system in operation. Students will also participate in a mock trial. This course is beneficial for everyone!

## Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12

The Business of Retail: Students earn Industry Recognized Credentials as an alternative pathway towards meeting the graduation requirements set by the Ohio Department of Education. Students must be placed in this course by their School Counselor. Students study the fundamentals of working in the business of retail.
IRC's embedded in this class: The Business of Retail: Operations and Profit (2); RISE UP Customer Service and Sales (2); RISE UP Retail Industry Fundamentals (2); Telephone Doctor (1); CPR Certification (1); Occupational Safety and Health Administration (OSHA) Certification (1); ServSafe Food Handler (1); ServSafe Workplace (1); ServSafe Allergens (1); others as allowed by the Ohio Department of Education.

Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grades: 11


Social Media Marketing: Social Media Marketing permits students to explore and use social media platforms, social media history, ethics, how to protect oneself and what to do in cases of cyberbullying. Individuals will develop an understanding of how businesses use social media to communicate with consumers, and employees while learning how to be productive and responsible with technology. Additional topics and activities covered are Facebook, Twitter, Instagram, SnapChat, and TikTok, and other various social media apps.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 9-12

## Integrated Computer Technology: Computer

 Technology is designed to give students a mastery of advanced computer skills and ready students for the computer demands of high school, college classes, as well as future careers. The class will cover computer history to current trends and will discuss various topics covering everything that is computers. Topics to be covered include but not limited to: Google, Google Docs, Sheets, Slides, Forms, and Drawing. Students will also access and update their Ohio Means Jobs Backpack.
## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grades: 10-12
Digital Media Marketing: This is a course designed to serve as an introduction to the basic principles of digital media marketing, practices, and the application of these practices. The class will
explore the basic concepts and also apply a simulation project where students will
actually prepare a professional digital marketing plan proposal.
Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grades: 9-12

## Business and Computer Technology - continued

| Career Success: This course is designed to help any and all students make the smooth transition from school to the workplace. It will emphasize the necessary skills to succeed in a meaningful future career. Topics covered include career exploration; planning your career based on a skills and attitudes self-analysis; finding, applying, and interviewing for a job; <br> 214 employment skills needed on the job; working with others; moving toward your career goals; and looking beyond high school. Students will also create and/or update their personal resume. Internet activities are included as a portion of this course. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grades: 11-12 | $\begin{gathered} 257 \\ \text { A } \end{gathered}$ | Introduction to Marketing A: Students will obtain fundamental knowledge of marketing activities, including sales channels, marketing information management, marketing research, market planning, marketing communications, pricing, product and service management, branding and selling. They will conduct marketing research, identify target markets, conduct market and competitive analyses, forecast sales, set marketing goals, establish a marketing budget and develop a marketing plan. Legal and ethical issues in marketing will be addressed. Employability skills, technology, leadership, and communications will be incorporated into classroom activities. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 |
| :---: | :---: | :---: |
| Money Management Success: You don't have to win the lottery to have lots of money! Students will learn how to make their money work for them so they can buy that car, move into that apartment, have the money they need for college, and buy the consumer goods they desire! Strategies of saving and investing will be explored as well as the benefits of buying various types of insurance. Every student will develop a financial portfolio to plan for the future. Careers in Finance and Real Estate will also be <br> 216 explored. Internet activities are included as a portion of this course. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grades: 9-12 | $\begin{gathered} 257 \\ \text { B } \end{gathered}$ | Introduction to Marketing B: This course is the continuation of Introduction to Marketing A. Students will obtain fundamental knowledge of marketing activities, including sales channels, marketing information management, marketing research, market planning, marketing communications, pricing, product and service management, branding and selling. They will conduct marketing research, identify target markets, conduct market and competitive analyses, forecast sales, set marketing goals, establish a marketing budget, and develop a marketing plan. Legal and ethical issues in marketing will be addressed. Employability skills, technology, leadership, and communications will be incorporated into classroom activities. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 |
| Accounting I: Students will gain a basic knowledge of accounting principles and terms for maintaining personal and small business records. A portion of the accounting cycle will be studied. Knowledge will be applied through the use of accounting worksheets and business situations. Students will use computer spreadsheets and accounting software as they work with various accounting activities. <br> Prerequisite: Business Foundations <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 | 275 | Independent Living: This course is designed to highlight a variety of topics that are beneficial for students to know once they graduate high school. Below are some of the examples of topics that are covered: <br> *Financial Decisions *Paying for Higher Education <br> *Understanding a Paycheck *Selecting a Bank <br> *Understanding Credit Cards *Checking your Credit Score <br> *Protecting Yourself from Fraud *Doing Your Taxes <br> *Renting an Apartment <br> *Buying a House <br> Prerequisite: Business Foundations <br> Credit: 0.5 Length: 1 Trimester Grades: 10-12 |

## Business and Computer Technology - continued

Accounting II: This course is designed as a continuation of Accounting I. This is a continuing course in double entry accounting procedures. Students will learn to keep financial records for a service or retail business. Principles covered include the bookkeeping system, debit/credit theory, financial statements, use of various journals and ledgers, worksheets, accounts receivable and payable, and payroll systems. Emphasis is placed on computerized accounting. Topics include Read, interpret, and analyze financial information/terms. Apply generally accepted accounting principles and specialized accounting procedures. Understand how various accounting systems provide business information. Understand the dynamic nature of the business environment in which accounting information is used. Recognize the various users of accounting information.

Prerequisite: Accounting I
Credit: 0.5 Length: 1 Trimester Grades: 10-12

Management Principles A: Students will apply management and motivation theories to plan, organize and direct staff toward goal achievement. They will learn to manage a workforce, lead change, and build relationships with employees and customers. Students will use technology to analyze the internal and external business environment, determine trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will also be addressed.
This is a Career Tech Pathway Course. C4 Pathway 141025.
Prerequisite: Business Foundations
Credit: 0.5 Length: 1 Trimester Grades: 11

Management Principles B: Students will build on management and motivation theories learned in Management Principles A to continue to organize and direct staff toward goal achievement. They will further their knowledge about managing a workforce, leading change, and building relationships with employees and customers. Students will continue to use technology to analyze the internal and external business environment, determine trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will continue to be addressed.
This is a Career Tech Pathway Course. C4 Pathway 141025.
Prerequisite: Business Foundations


## CONSTRUCTION TECHNOLOGIES

Fundamentals of Architecture and Construction: In this first course in the career field, students will be introduced to the basic principles of architecture and construction. During this course, students will read and create construction drawings and use hand tools to create basic construction projects and models. Throughout the course, students will use hands-on skills and procedures in a laboratory setting. Additionally, students will investigate career opportunities in construction and architecture related fields.

Prerequisite: None
Credit: 0.5 Length: 1 Trimesters Grade: 9-10

Mechanical, Electrical, and Plumbing Systems:
Students learn physical principles and fundamental skills across mechanical systems in construction. Students will select materials, assemble, and test basic electrical circuits. Students will select materials and assemble simple copper and plastic plumbing applications for both supply and drains.
181 They will perform simple maintenance of electric motors, electric fixtures and plumbing fixtures. Students will be able to select and install basic ductwork components and learn the operation and maintenance of heating and cooling equipment

Prerequisite: None
Credit: 0.5 Length: 1 Trimesters Grade: 9-10

Principles of Wood Construction: Students will engage in the introductory skills utilized in working with various wood construction materials. They will learn to use basic measuring tools, hand tools and machines, common to the wood industry, to construct basic projects. Additionally, students will examine various wood construction materials and their properties. Throughout the course, students will learn components of site and personal safety.

Prerequisite: None
Credit: 0.5 Length: 1 Trimesters Grade: 9-10

## English/Language Arts

English I A/B/C: This Career Based Instruction program is designed to help students overcome barriers to academic success through a strong focus on language arts as well as the other core area courses. Through English literacy and composition, students will complete a course of study identical to English 1 with an intensive focus on Next-Generation Test preparation and the acquisition of basic English skills to encourage student success in other academic areas. This class prepares students for either future traditional high school English classes or technical high school education. Students will develop strong study skills, time management skills, positive work habits, and develop short-term and long-term career goals with an emphasis on positive choices in high school to achieve these goals.

## Prerequisite: Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grade: 9

English I: This introductory class focuses on reading, visual, oral and listening skills, especially as they pertain to Next-Generation Testing. Students will read, discuss, and analyze short stories, poems, novels, and plays. Writing assignments will highlight constructed responses, as reflected in standardized testing. It will also include paragraph and essay structure and organization and writing conventions. Major writing assignments include expository, narrative and argumentative essays. Basic MLA format requirements will also be covered.

## Prerequisite: None

Credit: 1 Length: 2 Trimesters
Grade: 9

Honors English II: This course is a continuation of the honors curriculum. It is designed to challenge students to develop inferential thinking, to master speaking and listening skills, and to refine writing and reading abilities and approaches. At the heart of this course will be the goal of cultivating joy for learning, reading, writing, and thinking. Self-reflection will serve as a cornerstone of the course. In terms of reading, a special emphasis will be placed on World Literature, poetry, short stories, and informational text. Much of the course will rely on students self-selecting independent reading books. Students will craft informative pieces, multimodal/multigenre compositions, speeches, and many other smaller works. Students will research areas of interest and deliver speeches about those topics. Foundational grammar skills will be covered in a cumulative fashion in preparation for the ACT and next generation testing. Students will keep a writer's notebook and should expect to read and write each day. A final portfolio will serve in place of an exam.

## Prerequisite: Honors English I; Teacher Recommendation; Completion of Writing Sample-(approved by Teacher) Credit: 1 Length: 2 Trimesters Grade: 10

English III: This course is an in-depth study of rhetoric, including rhetorical devices, situations, approaches, and techniques. Students will be expected to apply their knowledge of rhetoric to craft a research-based argumentative piece. In addition, students will study rhetoric by examining articles, essays, photographs, etc., with a special emphasis on American writers. Another area of focus is narrative writing/composing. Students will study the craft of storytelling by exploring mentor texts, writing territories, and various modes of storytelling. Students will be expected to utilize their knowledge of narrative writing to craft a creative narrative piece and other types of narrative writing. Students will also be expected to participate actively in class discussions.Students will self-select independent reading books throughout the course.
Prerequisite: English II / English II A/B/C
Credit: $1 \quad$ Length: 2 Trimesters Grade: 11
Honors English III: This course will immerse students in reading and writing processes as we work to increase our volume of reading and writing, study craft moves in mentor texts, and push ourselves to experiment with new ways of composing. Special emphasis will be paid to rhetoric by thinking about the critical role that audience, purpose, and message play in communication in a variety of formats including oral, image-based, alphabetical, and others. Another area of emphasis will push students to cultivate narrative/storytelling skills by studying numerous features, structures, and ways of storytelling. Throughout our time together, We will read a variety of poetry, excerpts, articles, books, etc. Ultimately, students will craft a creative narrative, a research-based argumentative piece, and many other smaller pieces. Students should expect to read and write daily. Critical thinking and discussion skills will serve as major emphases. Students will self-select independent reading books throughout the course. Foundational grammar skills will be covered in a cumulative fashion in preparation for the ACT. A final portfolio will serve in place of an exam.

> Prerequisite: Honors English II; Teacher Recommendation; Completion of Writing Sample-(approved by Teacher)
> Credit: 1
> Length: 2 Trimesters
> Grade: 11

## English/Language Arts -continued

English II: In this course students will read and study short stories, novels, nonfiction, poetry and grammar. The emphasis for this course is on composition in preparation for Next-Generation Testing. This class will focus on research, reading comprehension and expository and argumentative writing. Students will also study and demonstrate different modes of communication, including interpersonal communication, group problem solving, public speaking, and effective listening. Students will analyze influential historical speeches and research informational text to generate meaningful connections among texts.
Prerequisite: English I or English I A/B/C Credit: 1 Length: 2 Trimesters Grade: 10

English IV: This course explores career, job, college, and life skills needed for post-secondary success. Focusing on composition, reading, speaking, and listening, students will develop skills using the format of the Ohio Writing Project. Requirements for this course include argument, digital composition, professional review, research, speech, and in-class written analysis. Students will keep a reading-writing notebook and should expect to read and write both in class and at home every day. Readings include student-selected books, along with whole class novels/plays, and mini book clubs.
Prerequisite: English III
Credit: 1 Length: 2 Trimesters Grade: 12

> 321 comprehension and expository and argumentative writing. Students will

English II A/B/C: This program is designed to help students overcome barriers to academic success through a strong focus on English/Language Arts. In this course students will read and study short stories, novels, nonfiction, poetry, vocabulary, and grammar. The emphasis for this course is on composition in preparation for Next-Generation Testing. This class will focus on research, reading also study and demonstrate different modes of communication, including interpersonal communication, group problem solving, public speaking, and effective listening. Students will analyze influential historical speeches and research informational text to generate meaningful connections among texts.
Prerequisite: English I or English I A/B/C
Credit: 1.5 Length: 3 Trimesters Grade: 10

## English/Language Arts Electives

High School Success: All freshmen will take this course, which is designed to help students of all levels meet the expectations of high school, including those of honors courses and college prep courses. The course includes content based on the widely acclaimed book "The 7 Habits of Highly Effective Teens" by Sean Covey; this text covers personal and interpersonal skills that all students can employ to enhance their success throughout high school and beyond. The course also includes a growth mindset curriculum. Success at the high school, college, and career level is emphasized. Other topics include types of diplomas (including a diploma with honors), earning points to graduate, calculating GPAs, and preparing for a career. Students will continue to work with the Ohio Means Jobs website and begin researching career pathways. This class is hands-on and is project-based.
Prerequisite: None - This is a required course for ALL 9th Graders
Credit: 0.5 Length: 2 Trimesters Grade: 9

Book Club, a Class!: Do you enjoy reading for pleasure? Do you long to deepen that enjoyment by having a small group to discuss what you are reading? Did you know that research suggests reading for pleasure as primarily important for both academic success and emotional/social growth and development? Would you like even more opportunities to read books that you choose during your school day? Then join this class where students will form, collaborate, read, and celebrate a variety of genres of student-selected books. Students will develop skills in depth of reading comprehension, collaborative decision-making, speaking, and power-listening. Join this "club-class": you will not regret it. A composition notebook will be required.

## Prerequisite: None

Credit: $0.5 \quad$ Length: 1 Trimester Grade: 9-12

Creative Writing: Do you want to develop yourself as a communicator? Creative writing allows you to apply English course content on self-directed projects meant to develop your voice and style. Students will learn effective techniques for developing language, craft, structure, ideas, and the writing process. Students will apply their knowledge on extended projects, where they have control over their rhetorical decisions. You will complete a portfolio of your work. You will also reflect on your creative progress and decisions, you are encouraged to publish your best work. This class will consist of discussions, workshops, and writing conferences. Expect to use your time productively, to draft and revise, to read your writing to the class, and to respond constructively to your peers.
Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grade: 9-12

## English/Language Arts Electives -Continued

| Communications I: If you're interested in the world of media broadcasting, communication is a course for you. In Comm I, you'll develop and practice your vocal performance. You'll learn how to write short scripts using broadcast format. You'll write questions and develop skills to interview students and staff. And you'll work hands-on with the equipment in the Blue Devil Radio studio to record, edit and produce your own audio projects. At the end of the course, you'll have a small portfolio of work that could air on 97.7 FM WNLB. This is an opportunity that fewer than $1 \%$ of high school students in America have. The skills learned in Comm I will translate to Comm II and Honors Comm III, so if you enjoy a challenge, if have a knack for writing and working with tech. equipment, if you're looking for a way to set yourself apart when it comes to applying for college, talk to your counselor about signing up for communication. <br> Students receive a half-credit for completing this course. It's open to freshmen through seniors. And a grade of C or better in your last English class is preferred. <br> Prerequisite: None <br> Credit: 0.5 <br> Length: 1 Trimester <br> Grade: 9-12 | 381 | Film Literacy: This course explores how film-makers compose their works. Content includes the study of camera distance, types of shots, camera angles, camera movement, light and color, and composing a scene. Students will apply content to analyze clips and full-length films. Students will also study various film genres and research a film director that has made a significant impact on the industry. Students may also have opportunities to create film shorts. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grade: 10-12 |
| :---: | :---: | :---: |
| Click below to view the Communications I video | 382 | Video Production: This course focuses on video production for commercial use. Students plan and coordinate work with clients to produce projects on a tight timeline. They learn how to read and interpret a script, select and maintain equipment and combine graphics, text and special effects. Skills attained include pre-production documentation and planning; in-production audio and video recording; and post-production editing and distribution. Projects will be prepared for publishing to the school community. <br> Prerequisite: None <br> Credit: 0.5 <br> Length: 1 Trimester <br> Grade: 9-12 |
| Communications II: Communications II allows students to produce aired content for 97.7 FM WNLB. This class is project-based and meeting deadlines and submitting work on time is essential. Staff members will write and edit scripts, record audio, and edit and produce multiple pieces of programming each week. Topics for programming include student and school news, sports, and pop culture and history as they relate to music of the 1950s and 60s. Students will practice professional standards of journalism ethics and be required to meet high production standards. Students will have the opportunity to engage with professional organizations and/or media at the college level. <br> Prerequisite: C or better in Communications I ; advisor's approval Credit: 0.5 <br> Length: 1 Trimester <br> Grade: 10-12 | 3 | Honors Communications III: Students in Honors <br> Communications III will continue to work on the production side of various media outlets. Honors Communications III students will coordinate and oversee the production of archival events, live events as well as community sponsored activities. Students will go more in depth in the effects of demographics, ratings, and sponsorship on media. This project based class will require after school time. Students will be expected to provide exceptional leadership skills working with other students through the various stages of production. <br> Prerequisite: B or better in Communications II; advisor's approval Credit: 0.5 <br> Length: 1 Trimester <br> Grade: 10-12 |

## Hospitality

Hospitality Pathway Application Link: https://forms.gle/5uoCjA894NgdOdcu7 methods, ingredient selection and nutritional information in the context of food preparation. Throughout the course, basic food safety and sanitation techniques will be emphasized

Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grade: 10-12

## Event and Food Planning A/B: Students will design and

 organize meetings and events. They will analyze risks, identify needs and develop strategies for achieving event goals. Students will also set up event facilities, manage event activities and evaluate event success. Other topics addressed in the course include menu development, customer service, people management, simple food production, sales and marketing.This is a Career Tech Pathway Course. C4 Pathway 330021.

## Prerequisite: Hospitality Fundamentals

Credit: 1 Length: 2 Trimesters Grade: 11

Catering \& Banquet Services A/B: Students will design and manage catering and banquet operations. They will recommend types of food functions and food-and-beverage services to clients, create menus for special occasions and events, and determine financial requirements. Students will hire, train, and supervise staff; manage event logistics, operations and service providers; and oversee dining room operations. Customer service; food, equipment and site safety; and high-volume food production will also be addressed.
This is a Career Tech Pathway Course. C4 Pathway 330025.
Prerequisite: Event and Food Planning
Credit: 1 Length: 2 Trimesters
Grade: 12

> Fundamentals of Food Service: Students earn Industry Recognized Credentials as an alternative pathway towards meeting the graduation requirements set by the Ohio Department of Education. Students must be placed in this course by a School Counselor. Students study the fundamentals of working in the Hospitality and Tourism industry.

Prerequisite: School Counselor Recommendation Credit: $0.5 \quad$ Length: 1 Trimester Grade: 10-12

Global Foods: In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions, 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.
Prerequisite: Principles of Foods; Wellness \& Nutrition Credit: 0.5 Length: 1 Trimester Grade: 10-12

Food Science: In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will explore and evaluate the science of food through chemical reactions as they occur in cooking/baking methods and assess how to control high -risk food safety situations, Students will learn the tips and techniques of successful baking. Food safety and sanitation techniques will align to industry-recognized certifications.
$\begin{array}{lc}\text { Prerequisite: } & \text { Principles of Foods; Wellness \& Nutrition } \\ \text { Credit: } 0.5 \quad \text { Length: } 1 \text { Trimester Grade: 10-12 }\end{array}$

Hospitality Fundamentals: This first course in the career field will introduce students to culinary arts, foodservice operations, lodging, travel and tourism. Students will obtain knowledge of customer service principles and examine the impact of cultural, historical, social and technological developments on key segments of the industry. They will also apply safety and sanitation techniques to prevent and control injuries, illnesses and diseases in the workplace. Business law, employability skills, leadership and communications will be addressed. This is a Career Tech Pathway Course. C4 Pathway 330000.

| Prerequisite: None | Credit: 0.5 | Length: |
| :--- | :---: | ---: |
| 1 Grimester | Grade: 11 |  |

## JROTC - JUNior Reserve Officer Training Corps



JROTC 1-4: JROTC is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment while instilling in them self-esteem, teamwork, and self-discipline. Its focus is reflected in its mission statement: "To motivate young people to be better citizens." Qualified, retired military instructors teach these courses. Students may participate in this program for one to four years.
Students may elect to complete 2.0 credits of JROTC or JROTC Drill as a substitute for the required 0.50 credit of physical education.

JROTC Drill 1-4: JROTC Drill classroom material is identical to the other JROTC classes but the Leadership Lab is devoted to competitive drill practice. The objective of the co-curricular JROTC Drill program is to develop the precision required for competition with other JROTC schools. Overnight travel is required once or twice a year. Students will receive instruction in different types of drill such as exhibition, regulation, and color guard. Students may participate in this program for one to four years.
Students participating in these classes must attend daily drill team training at 6:30 a.m. in addition to the normal classroom schedule. Students may elect to complete 2.0 credits of JROTC or JROTC Drill as a substitute for the required 0.50 credit of physical education.

CLICK BELOW TO VIEW OUR JROTC DRILL TEAM

## MATHEMATICS

| 605 | Algebra 1: This course is required for graduation. Algebra 1 will cover real numbers, functions, algebraic expressions, solving equations and inequalities, polynomials, systems of equations, functions, quadratic equations, and other topics. The course also emphasizes the standards necessary to pass the Algebra portion of the Ohio State Tests. <br> Prerequisite: Teacher Recommendation Credit: up to 1.5 Length: 2-3 Trimesters Grade: 9 | 655 | Pre-Calculus: Pre-Calculus coordinates the high school mathematics program with college expectations. This course promotes a more in-depth study of functions: polynomial, rational, exponential, logarithmic, and trigonometric. This course will prepare students for college math courses and is highly recommended for students who plan to major in sciences or mathematics. <br> Prerequisite: Algebra 2; Teacher Recommendation Credit: Up to 1.5 Length: 2-3 Trimesters Grades: 10-12 |
| :---: | :---: | :---: | :---: |
| 6 | Algebra 1 Accelerated: Algebra 1 Accelerated will cover functions, algebraic expressions, solving equations and inequalities, polynomials, systems of equations, quadratic equations, exponentials, and other topics. This course will be at a faster pace and more in-depth than Algebra 1. The course also emphasizes the standards necessary to pass the Algebra portion of the Ohio State Tests. <br> Prerequisite: Teacher Recommendation <br> Credit: up to 1.5 Length: 2-3 Trimesters Grade: 9 | $\begin{aligned} & \text { 660 } \\ & \text { A/B } \end{aligned}$ | College Algebra (A) and Trigonometry (B)- (Dual <br> Credit): This is a dual credit course in advanced mathematics allowing students to earn college credit from Owens Community College based on successful completion of the course. <br> College Algebra and Trig is an advanced mathematics course. This course integrates a thorough review of the first three years of high school math and provides more in-depth study of functions: polynomials, rational, exponential, logarithmic and especially trigonometric. Students must complete both trimesters of College Algebra and Trig in order to receive the equivalent for MATH 170 and MATH 173 through Owens Community College. Students may earn 4.0 college semester credit hours for MATH 170 and 3.0 college semester credit hours for MATH 173, upon successful completion of the course <br> Prerequisite: Algebra 2; Minimum 3.0 cumulative GPA; Teacher Recommendation; other requirements specified by Owens Community College <br> Credit: 1 Length: 2 Trimesters Grades: 10-12. |
| 625 | Geometry A/B/C: This course is required for graduation. Topics covered in-depth include points, lines, planes, triangles, quadrilaterals, circles, areas, volume, transformations, and probability. The course emphasizes the standards necessary to pass the Geometry portion of the Ohio State Tests. <br> Prerequisite: Algebra 1; Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grade: 10 |  |  |
| 626 | Geometry: This course is required for graduation. Topics covered in-depth include points, lines, planes, triangles, quadrilaterals, circles, areas, volume, transformations, and probability. The course emphasizes the standards necessary to pass the Geometry portion of the Ohio State Tests. <br> Prerequisite: Algebra 1; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 9-10 |  | Statistics: This course is designed to offer students a unique way to learn about statistics. It is designed to provide a rigorous, relevant, and accessible course in statistical reasoning, all in the context of sports. In this data-saturated world, citizens must be able to ask thoughtful questions, properly analyze data, and use critical thinking skills to draw appropriate conclusions made by others. All of the traditional statistical ideas, including the nature of statistics, frequency |
| 630 | Geometry Accelerated: This course consists of all aspects of Geometry but will place more emphasis on the principles of logic and formal proof. The course emphasizes the standards necessary to pass the Geometry portion of the Ohio State Tests. <br> Prerequisite: Algebra 1; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 9-10 | $\begin{aligned} & 2 \text { Tri } \\ & 668 \end{aligned}$ | distribution, confidence intervals, sample size, hypothesis testing, correlation, and regression are presented, but done so through the scope of the sports world <br> 665 Prerequisite: Algebra 2 <br> Credit: . 5 Length: 1 Trimester Grades: 12 <br> 668 Prerequisite: Geometry; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 11 |

## MATHEMATICS - Continued

Honors Geometry: Through "Discovery-Confirmation-Proof" based on exploration of geometric concepts, students will experience a deepened understanding of two and three-dimensional objects and their properties. This class will place more emphasis on the principles of logic and on the theory of a mathematical system developed through deductive proof. The course includes a look at special topics in geometry including vectors, tessellations, fractals, and non-Euclidean geometries. Students will also be challenged to demonstrate critical thinking by completing two projects. The course emphasizes the standards necessary to pass the Geometry portion of the Ohio State Tests.

## Prerequisite: Algebra 1; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grade: 9

Honors Algebra 2: This is an advanced course designed to cover topics from Algebra 2 in greater depth with emphasis placed on critical thinking and application problems. Honors Algebra 2 will cover radicals, quadratic relations and systems, exponentials, logarithms, complex numbers, conics and trigonometric functions.

## Prerequisite: Hon. Geometry; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 9-11

Algebra 2: Algebra 2 continues to study the Algebra 1 concepts and expands upon those concepts. Students will investigate the various areas of Algebra in greater depth and detail.

Prerequisite: Geometry; Teacher Recommendation Credit: 1 Length: 3 Trimesters Grades: 11-12

Algebra 2 Accelerated: Students will investigate the various areas of Algebra 2 in greater detail, with a greater focus on applications. Algebra 2 Accelerated will cover radicals, quadratic relations and systems, exponentials, logarithms, complex
numbers, conics, and trigonometric functions.
Prerequisite: Geometry Accl.; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 10-11

Financial Math: This course offers seniors the opportunity to expand upon their mathematical foundations while studying finance. Students will refine their skills and learn new concepts as they apply mathematics to the real world connections of investments, business, banking, interest, consumer credit and employment.

## 667 Prerequisite: Algebra 2

Credit: 0.5 Length: 1 Trimester Grade: 12

AP Calculus AB: This class is designed for the college-bound student and students seeking to earn $\mathbf{1}$ semester of college calculus credit. Differential and integral calculus will be studied. The course is structured in a way that will help students understand the "how" and "why" of calculus. Upon completion of this course students will be ready for the Advanced Placement (AP) Calculus AB Exam offered in the third trimester. The TI-89 calculator will be extensively used in class. You are encouraged to purchase your own for home use. Although other graphing calculators will work, the Tl-89 is superior in function and will be the only calculator with classroom instruction. Cost of the AP Exam is approximately $\$ 95.00$.
A graphing calculator (TI-89) is required for the class or can be rented for $\$ 10$ per trimester.

Prerequisite: Pre-Calculus; Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grades: 11-12

AP Calculus BC: This course is designed for students seeking to earn up to 2 semesters of college calculus credit. The course will explore differential and integral calculus in depth. Students will be prepared for the Advanced Placement (AP) Calculus BC exam offered in the third trimester. The TI-89 calculator will be extensively used in class. You are encouraged to purchase your own for home use. Although other graphing calculators will work, the TI-89 is superior in function and will be the only calculator with classroom instruction. Cost of the AP Exam is approximately $\$ 95.00$. A graphing calculator (TI-89) is required for the class or can be rented for $\$ 10$ per trimester.

Prerequisite: Honors Pre-Calculus; Teacher Recommendation
Credit: 1.5 Length: 3 Trimesters Grades: 11-12

## Modern Languages

| 40 | French 1: This course introduces the four communication skills of reading, writing, speaking, and listening. Basic conversation skills are emphasized. By the end of the year, a French I student would be expected to communicate at the novice-mid level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards. Novice-mid can identify with phrases, combine words, express ideas with simple phrases and expressions. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students. <br> Prerequisite: " $C$ " or higher in the $\mathbf{2}$ most recent Trimesters of an English Course Credit: 1 Length: 2 Trimesters Grades: 9-12 |  | Spanish 1: This course introduces the four communication skills of reading, writing, speaking, and listening. <br> By the end of the year, a Spanish I student would be expected to communicate at the novice-mid level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards. Novice-mid can identify with phrases, combine words, express ideas with simple phrases and expressions. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students. <br> Prerequisite: " $C$ " or higher in the $\mathbf{2}$ most recent Trimesters of an English Course Credit: 1 Length: 2 Trimesters Grades: 9-12 |
| :---: | :---: | :---: | :---: |
| 40 | French 2: Students will review and expand upon concepts taught in French 1. Emphasis is placed on functional vocabulary and grammar structures necessary in a global society. By the end of the year, a French II student would be expected to communicate at the novice-mid level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards. Novice-mid can identify with phrases, combine words, express ideas with simple phrases and expressions. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students. <br> Prerequisite: French 1 with a " C " or higher in French IB Credit: 1 Length: 2 Trimester Grades: 9-12 |  | Spanish 2: In Spanish 2, students will review and expand upon concepts taught in Spanish 1. Emphasis is placed on functional vocabulary and grammar structures necessary in a global society. By the end of the year, a Spanish I student would be expected to communicate at the novice-mid level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards. Novice-mid can identify with phrases, combine words, express ideas with simple phrases and expressions. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students. <br> Prerequisite: Spanish 1 with a " $C$ " or higher in Spanish 1B Credit: 1 Length: 2 Trimester Grades: 9-12 |
| 4 | Honors French 3: This course continues the development of the four language skills within cultural situations. Communication is enhanced through skits, dialogues, internet activities, and composition. Additional grammatical concepts are presented at this stage to include multiple verb tenses and practical vocabulary. Short stories by well-known writers will be read. By the end of the year, a French III student would be expected to communicate at the intermediate-low level according to the national ACTFL standards. Intermediate-low can describe with sentences, use strings of sentences, and express their own thoughts in a single time frame. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. Activities are based on authentic situations and have real meaning to the students. <br> Prerequisite: French 1 with a " $C$ " or higher in French 2B Credit: 1 Length: 2 Trimester Grades: 10-12 | 460 | Honors Spanish 3: This course continues the development of the four language skills within cultural situations. Communication is enhanced through skits, dialogues, internet activities, and composition. Additional grammatical concepts are presented at this stage to include multiple verb tenses and practical vocabulary. Short stories by well-known writers will be read. By the end of the year, a Spanish III student would be expected to communicate at the intermediate-low level according to the national ACTFL standards. Intermediate-low can describe with sentences, use strings of sentences, and express their own thoughts in a single time frame. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. Activities are based on authentic situations and have real meaning to the students. <br> Prerequisite: Spanish 2 with a " C " or higher in Spanish 2B Credit: 1 Length: 2 Trimester Grades: 10-12 |

## MODERN LANGUAGES -Continued


#### Abstract

Honors French 4: This course allows for refinement of the four language skills. Increased proficiency in speaking and listening is developed through conversations, discussions, oral reports and presentations. Contemporary articles and selected literary works provide the basis for increased expertise in reading and composition skills. Students gain a more sophisticated understanding of the larger patterns of the cultures studied. By the end of the year, a French IV student would be expected to communicate at the intermediate-mid level according to the national ACTFL standards. Intermediate-mid can connect sentences in order to describe experiences, events and opinions. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment.


## Prerequisite: French 1 with a " $C$ " or higher in French 3B Credit: 1 Length: 2 Trimester Grades: 11-12

Honors Spanish 4: This course expands the opportunity for students to continue refinement of the four language skills. Increased proficiency in speaking and listening is developed through conversations, discussions, oral reports and presentations. Contemporary articles and selected literary works provide the basis for increased expertise in reading and composition skills. By the end of the year, a Spanish IV student would be expected to communicate at the intermediate-mid level according to the national ACTFL standards. Intermediate-mid can connect sentences in order to describe experiences, events and opinions. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. Activities are based on authentic situations and have real meaning to the students.

Prerequisite: Spanish 3 with a " C " or higher in Spanish 3B Credit: 1 Length: 2 Trimester Grades: 11-12

## MUSIC AND DRAMA



## MUSIC - Continued

Concert Band: Concert Band includes intermediate musicians (typically in grades 9-10) who are interested in becoming more skilled on their instruments and are dedicated to accomplishing group goals. Class work and student evaluation includes training in large ensemble rehearsal skills, preparation and performance of 175 intermediate concert band literature, and technical development of intermediate instrumental music skills. Private lessons are encouraged. Attendance at all scheduled performances is required. Participation in District Solo and Ensemble events is encouraged.

Prerequisite: Marching Band; Director Approval Credit: 1 Length: 2 Trimesters Grades: 9-12

## DRAMA

Introduction to Theatre Performance: This course is an interactive study of acting for the stage. Key elements of this class are character development, emotional empathy, and storytelling through performance. This hands-on course is designed to introduce students to the basic skills of the theatre (no prior theatre experience is needed). Theatre history, craft, improvisation, acting, and theatre criticism are explored with the majority of the class focusing on students working together to present acting scenes and improvisations. Through this course, students will improve their ability to work with a variety of people, while learning to express themselves more effectively (skills that are needed in any career path students may choose). Students are encouraged to move on to Advanced Theatre Production following successful completion of this class.
Prerequisite: None
Credit: 0.5 Length: 1 Trimesters Grades: 9-12
Introduction to Theatre Tech: Designers, Creatives, Stage Ninjas. Whatever you call them, they are the power behind great theatre experiences. Theatre Tech crews include Producers, Directors, Stage Managers, Theatre Marketers, Set Designers and Builders, Prop Creators, Costume Makers, Makeup Artists, Playwrights, Light and Sound Technicians. This introductory course will expose students to a variety of these jobs with hands-on experiences as makers of theatre. Through this course, students will improve their ability to collaborate with a variety of people, manage time to meet critical deadlines and solve problems through creative strategies (skills that are needed in any career path students may choose). Students are encouraged to move on to Advanced Theatre Production following successful completion of this class.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimesters Grades: 9-12

Advanced Theatre Production: Advanced Theatre Production brings students together following the Introduction to Theatre Performance and Theatre Tech classes. Further development of characterization, scenery, direction and theatre leadership will be enhanced through advanced exercises. Students will develop greater skills and awareness of how they communicate both on and off stage. In addition, students will work on design projects that will give them a comprehensive view of technical theatre. This class will lead to a culminating performance to showcase what the class has created throughout the trimester.
Prerequisite: Introduction to Theatre Performance or Theatre Tech or Participation in at least two school productions (fall play or spring musical) Credit: 0.5* Length: 1 Trimesters Grades: 9-12 *Repeatable Course


## Physical Education and Health

| Physical Education: This course is required for graduation. The class provides a safe, inclusive learning environment. The student's overall health and well-being will be enhanced through a variety of fitness activities, including individual and team sports. <br> 700 The class allows for students to experience positive, challenging and enjoyable physical activities. <br> Prerequisite: None <br> Credit: 0.5 Length: 2 Trimesters Grade: 9 | 710 | Elective Physical Education: This class provides students an opportunity to continue working on their overall physical fitness and to compete at a high level of sport. A wide variety of team and individual sports will be presented while improving personal health and wellness. <br> Prerequisite: None <br> Credit: 0.25 Length: 1 Trimesters Grade: 9-12 |
| :---: | :---: | :---: |
| Strength and Conditioning: This class offers a high intensity strength training program for the fitness minded student.This is a disciplined style of training, which is based on two universally known factors affecting muscular growth: overload and progression.Other components of the class include Body <br> 715 Composition Analysis, Sprint work, Plyometrics, Flexibility, and Agility training. Recommended for varsity sport off-seasons to prepare for your sport. <br> Prerequisite: None <br> Credit: 0.25 Length: 1 Trimester Grades: 10-12 | 713 | Recreational Activities for Life: This class will teach the recreational topics of: fitness walking, weight training and personal wellness. Lifetime sports will also be included. The lifetime sport units covered will be: Tennis, Pickleball, Badminton, Table Tennis and other leisure activities. <br> Prerequisite: None <br> Credit: 0.25 Length: 1 Trimesters Grades: 10-12 |
| Health: This course is required for graduation. The class provides students with an opportunity to develop an awareness of current health issues in our society and the skills needed to access accurate health information. The major goal of the course is to empower students with the knowledge and skills they can use <br> 720 to make positive lifestyle choices. <br> IRC Embedded: CPR/First Aid (1 IRC) <br> IRC Embedded: Stop The Bleed (1 IRC) <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grade: 10 |  |  |

## SCIENCE

Introduction to Chemistry: This course is designed to be an introduction to chemistry and is taken in conjunction with Introduction to Physics. It covers topics such as atomic structure, interpreting the Periodic Table, recognizing chemical and physical properties and changes, identifying different types of reactions, and understanding acids and bases.

## Prerequisite: Teacher Recommendation Credit: 0.5 Length: 1 Trimester Grade: 9

Honors Chemistry 1: This rigorous course is a combination of lecture and laboratory exercises designed for the college bound student. Students learn about the elements, compounds, and chemical phenomena that make up our world. Special topics include chemical formulas and equations, and there will be an emphasis on applying these topics to actual experimental situations. Qualitative and quantitative analysis will also be studied. This course is intended for students to continue their studies in Honors Chemistry 2.

## Prerequisite: Honors Bio; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grade: 10

Introduction to Physics: This course is designed to be taken in conjunction with Introduction to Chemistry and utilizes real-world applications to investigate the concepts of motion, including velocity, acceleration, force, and work. Energy transformations are discovered as students investigate energy in motion including sound and light. This course also includes an introduction to astronomy where students investigate the gravitational forces that govern the planets, comets, and asteroids in our solar system, and examine the present theories of the universe.
Prerequisite: Teacher Recommendation
Credit: 0.5 Length: 1 Trimester Grade: 9
Scientific Principles: Required for any freshman student not enrolled in Honors Biology or Principles of Biomedical Science; this course is designed as an introduction to scientific research. There will be a focus of scientific procedures, interpretation of data, and science literacy and writing. Students will research a topic of interest, create an experiment and present their findings as part of their grade.
This course will prepare students for future science courses, Ohio State Tests, ACT and SAT.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grade: 9

Anatomy \& Physiology: This is a biology course that is designed to introduce students to a basic overview of anatomy and physiology of the human body. Anatomy is the study of the structure of the human body while physiology is the study of the functions of the specific parts. Anatomy and physiology includes an introduction to the systems of the body in terms of both
845 structure and function. Dissections include the mink, sheep brain, and cow eye. The second trimester emphasizes units covering the circulatory, respiratory, digestive, and urinary system. Dissections include the cat, various animal hearts, and sheep kidney.
Prerequisite: Biology; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 11-12

> Honors Anatomy \& Physiology: Honors Anatomy \& Physiology is a rigorous college-level anatomy and physiology course designed to challenge and meet the needs of students interested in the biological sciences and biological careers. This course emphasizes the physiology of the human body as it relates to the medical/clinical field. The first trimester of the class includes an introduction to the body including planes and regions, histology, integumentary system, skeletal system, muscular system and nervous system. The second trimester includes units covering the endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and the reproductive system. Dissections include the cat, sheep eye, heart, and kidney.
> Prerequisite: Biology; Teacher Recommendation Credit: $\mathbf{1}$ Length: $\mathbf{2}$ Trimesters Grade: 11-12

Physics: Physics covers the various areas of mechanics and an introduction to electricity. This includes the subjects of motion, energy, forces, momentum and simple electrical circuits. Knowledge of algebra and basic trigonometry is required for this course. Hands-on laboratories and projects are an integral part of the course. This course is recommended for all college-bound majors, especially those interested in science, medicine, engineering or mathematics.

Prerequisite: "C" or higher in Algebra 2; Teacher Recommendation
Credit: 1 Length: 2 Trimesters Grade: 11-12

## SCIENCE -Continued

Honors Biology: This is a rigorous course designed to be an introduction to the biological sciences. It covers topics needed for passage of the Ohio State Tests such as the differences between living and nonliving things, molecules necessary for life, types of cells, photosynthesis and respiration, DNA structure and protein synthesis, cellular reproduction, genetics and evolution. This course is designed to prepare students for the rigors of AP Biology and other college-level science classes. Students are expected to do regular research related to laboratory assignments.

# Prerequisite: Teacher Recommendation; 9th Grade students must also be in enrolled in Geometry Credit: 1 Length: 2 Trimesters Grades: 9 

> AP Biology: AP Biology is a college level course where students have the option of taking the AP Exam in May where qualifying scores will earn them college credit. The course is based on the four big ideas of biology; 1.) organisms change through time; 2.) biological homeostasis; 3.) Genetics; and 4.) Biological Systems. This is a lab based course and the lab work is based on the AP Biology seven science eractices. Students will have summer work that must be completed over summer break. Students who pass the AP Biology Exam may receive credit from most colleges. Check desired college for credit policy.
> Cost of the AP Exam is approximately $\$ 95.00$
> Prerequisite: Biology, Chem 1; Teacher Recommendation Credit: $\mathbf{1 . 5}$ Length: $\mathbf{3}$ Trimesters Grades: $11-12$

Chemistry: This course is a combination of lecture and laboratory exercises designed for the college bound student. Students learn about the elements, compounds, and chemical phenomena that make up our world. Special topics include chemical formulas and equations, and there will be an emphasis on applying these topics to actual experimental situations. Students will also study qualitative and quantitative analysis. This is an essential course for a student entering a science or medical field.
Prerequisite: Teacher Recommendation Credit: 1 Length: 2 Trimesters Grade: 11-12

Honors Chemistry II: This is an advanced science course designed for those students who are anticipating a science-related career. This course is designed to challenge students and prepare them for success in college level chemistry courses. The class emphasizes critical thinking in chemistry, writing scientific reports, laboratory work, and the scientific process of deriving objective information from raw experimental data. Special units include electrochemistry and organic chemistry.
Prerequisite: Chemistry 1; Teacher Recommendation Credit: 0.5 Length: 1 Trimester Grade: 10

AP Physics: AP Physics 1 includes topics in classical physics. This includes 7 areas: Kinematics, Dynamics, Energy, Momentum, Circular Motion/Gravitation, Rotational Motion and Simple Harmonic Motion. College-level laboratories are an integral part of the course. A thorough knowledge of algebra and basic trigonometry is required. The basic ideas of calculus may be introduced and concurrent enrollment in AP Calculus is encouraged but knowledge of calculus is not required. This course is essential to students planning on entering engineering, healthcare or science related fields. AP Physics 1 is the equivalent of one semester of introductory college-level physics and prepares students for the AP Physics 1 Exam in the spring. Students who pass the AP Exam may receive credit from most colleges. Check desired college for credit policy.
Cost of the AP Exam is approximately $\$ 95.00$. Students may also take the AP Physics C Exam at the end of the year, if
they have taken Calculus. Students will have summer work also take the AP Physics C Exam at the end of the year, if
they have taken Calculus. Students will have summer work that must be completed over summer break.
Prerequisite: Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grade: 12

## SCIENCE ELECTIVES

Human Body Systems: Human Body Systems is the second class in a path of classes that are designed to prepare students for careers in biotechnology, medicine, or health-related fields. Students do not have to take Principles of Biomedical Science to take this class. Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries. (Students receive Anatomy and Physiology credit for this class)

Prerequisite: "C" or higher in Biology or Principles of Biomedical Science
Credit: 1 Length: 2 Trimesters Grades: 10-12
Astronomy: This course is designed to help students understand basic scientific processes and offer insight into how we know so much about the vast universe around us. While this course will cover basic math concepts in exploring current scientific theories, it will focus more on conceptual understanding of current theories. It will briefly cover the historical development of astronomy, telescopes, and spectroscopy. The major topics covered are: the solar neighborhood, the birth and death of stars, the structure and evolution of galaxies, exotic objects such as pulsars, white dwarfs, black holes, radio galaxies, quasars, and some of the current theories of cosmology. This course includes the opportunity to do nighttime observations of stars and planets with the school's 8 -inch telescope. This is an elective course and cannot be used for a core science credit. This is an elective and is used for a core science credit.

Prerequisite: " $C$ " or higher in Geometry
Credit: 0.5 Length: 1 Trimester Grades: 11-12
Renewable Energy Technology 3: Students investigate green methods of heating and cooling. Hands-on minds-on projects help develop these concepts. Students create a model greenhouse and devise a geothermal cooling system that could sustain crops in environments that are too hot to sustain life. Students create a mini refrigerator for keeping medicine or food cold in emergencies using a peltier-type thermoelectric cooler.

## Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grade: 9-12

Renewable Energy Technology 1: Students research the relationship between motion and electricity in motors and generators. Hands-on minds-on projects help develop these concepts. Students build a motor from a kit and optimize its RPMs. Students build a wind turbine and optimize its electricity production.
Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grade: 9-12

Renewable Energy Technology 2: Students research the relationship between light, electricity, and thermodynamics in solar panels and solar water heaters. Hands-on minds-on projects help develop these concepts. Students build a solar panel that can power a water pump by soldering together photovoltaic cells. Students learn to wire them correctly to power a device. Students use their solar panel and water pump from the first project to create a solar water heater. Students optimize the efficiency of their water heater.
Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grade: 9-12

Zoology: Zoology is an elective science course involving the study of invertebrate and vertebrate animals. Specific studies in this course consist of taxonomic, anatomical, and physiological examinations of selected organisms. Class will consist of lab investigations, research projects and presentations, and a variety of dissections. Students should be interested in dissecting preserved organisms. This is an elective course and cannot be used for a core science credit. This is an elective and is used for a core science credit.
Prerequisite: None
Credit: $0.5 \quad$ Length: 1 Trimester $\quad$ Grades: 11-12

Prerequisite: None
Credit: 0.5 Length: 1 Trimester
Grades: 11-12

## SCIENCE ELECTIVES - CONTINUED

Science Ethics in the 21st Century: This class is designed for students who are interested in looking at the outer reaches of scientific discovery, where we are as a nation and a world currently. Students will discuss the technologies that currently exist in biology, medicine, climate and agriculture and how they will impact future decisions they will need to make as adults in an ever growing and confusing technologically advanced world. Students will be asked on a regular basis to think critically, predict future implications of technology on everyday life as it relates to scientific discovery. This course is designed for juniors and seniors but could be taken by sophomores who are currently taking chemistry.

Prerequisite: None
Credit: 0.5 Length: 1 Trimester Grades: 11-12

Medical Interventions: Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through cases, students learn about a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Prerequisite: Human Body Systems or Teacher Recommendation
Credit: 1 Length: 1 Trimester (double block) Grades: 11-12

## SOCIAL STUDIES

World \& US History 9: This course is required for graduation. The first trimester integrates and examines world and United States events from 1600 to 1914. It explores the age of the Enlightenment developed from the scientific revolution of the 16th and 17th centuries and how it impacted religious, political, and cultural institutions by challenging how people viewed the world and the role of their governments. It examines the social, political, and economic causes and effects of industrialization in Europe, the United States, and the world, and concludes with studying the political, social, and economic causes and effects of imperialism and the domination and exploitation of Asia, Africa, and Latin America.
The second trimester integrates and examines world and United States events from 1914 to the late 1930s. It will explore the causes and consequences of World War I, including worldwide depression, the Russian Revolution, and the rise of totalitarianism leading to World War II. The course emphasizes the impact of the Treaty of Versailles and the debate over the ratification of the treaty in the United States leading to American isolationism. The course will also look into the post-war prosperity of the roaring twenties as well as the economic, social, and political turmoil in America by analyzing America's racial intolerance and anti-immigrant attitude that contributed to social unrest. Students will understand the social changes that resulted from movements such as the Harlem Renaissance, African American migration, women's suffrage, and Prohibition. Finally, students will analyze the causes and effects of the Great Depression and the expanding role of the American government as a result.

## Prerequisite: None <br> Credit: $1 \quad$ Length: 2 Trimesters Grade: 9

World \& US History 10: This course is required for graduation. The first trimester integrates, examines, and compares world and United States events beginning with the US policy of isolationism and the Rise of Dictators in the 1930's through the Cold War Conflict. It will examine in detail World War II and the Holocaust and analyze the effects of the war on the shift of world powers. Students will also study the Cold War with an emphasis on the struggle between the economic and political differences of superpowers and the impact it had on the world and national events. The second part of the course will compare world and United States events. The American Civil Rights movement and the Vietnam War will be studied along with the social and political changes these events spawned. The growth of terrorism and $9 / 11$ will also be a focus and students will consider the geographic, cultural, economic, and governmental changes that resulted. Students will analyze information by interpreting documents, identifying and comparing experiences and perspectives, and interpreting data using geographic resources.

## Prerequisite: None <br> Credit: 1 Length: 2 Trimesters Grade: 10

Honors World \& US History 9: This course is designed to challenge the superior social studies student. The class will cover the same concepts as World and U.S. History but with more detail and require a higher ability of analysis. This course is intended to prepare students for the rigors of AP US History and other level courses. Students will analyze information by interpreting documents, identifying and comparing experiences and perspectives, and interpreting data using a variety of primary and secondary resources. There will be a focus on critical thinking, writing, and research. Students will be required to engage in small group and class discussions.

Prerequisite: Teacher Recommendation Credit: 1 Length: 2 Trimesters Grade: 9

## Advanced Placement (AP) US History: AP United

States History is equivalent to a freshman/sophomore-level college course. It is specifically designed to prepare students for the AP US History Exam in May. Events in American history will be studied within the realm of world events and covers the major themes of American history centering on the study of political institutions, economic trends, diplomacy, and cultural developments. AP US History integrates multiple sources, such as primary and secondary documents, scholarly articles, papers, and books to incorporate multiple historical interpretations of events. The course will require students to analyze these sources for evidence and interpretations presented in historical scholarship. Students will be required to write interpretive and analytical essays such as thematic essays and document-based questions extensively. Students who pass the AP Exam may receive college credit from most colleges. Check the desired college for credit policy. Cost of the AP Exam is approximately $\$ 95.00$.

Prerequisite: None Credit: 1.5 Length: 3 Trimesters Grades: 10-12

## SOCIAL STUDIES- CONTinued



## SOCIAL STUDIES ELECTIVES

| 927 | Debating Global Issues: This course will combine elements of speaking events similar to competitive tournaments. The purpose of this course is to give the student an opportunity to develop his/her debate skills through in-depth study of the areas of debate. Students will research, organize, edit and deliver debates. Logical thinking and research skills will be thoroughly examined. Each student must present each side of the debate. Advanced reading, writing, research, and speaking skills are expected in this course. There will also be an interpretation option for those interested in more creative presentations. Participation in the extracurricular team is encouraged, but not required <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grade: 10-12 | 938 | Advanced Placement (AP) Psychology: This is a <br> rigorous college-level course designed to prepare students for the AP Psychology Exam in May. The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. There are five content domains in AP Psychology, which include: methods, biopsychological, cognitive, developmental, and sociocultural. Students also learn about ethics and methods psychologists use in their science and practice. Students should expect a workload similar to what they would have if they were to complete this course at the college level. This includes extensive reading, active involvement in class discussions, taking notes, and completing independent research. Students are expected, although not required, to take the AP Psychology Exam in May. Students who pass the AP Exam may receive college credit from most colleges. Check the desired college for credit policy. <br> Prerequisite: Teacher Recommendation <br> Credit: 1.5 Length: 3 Trimesters Grades: 11-12 |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} 935 \\ \mathbf{A} \end{gathered}$ | Psychology A: This course is an introduction to the science of human and cognitive behavior. Students will be introduced to developmental psychology, focusing on child and adolescent development. Students will also study biological bases of behavior including the brain, altered states of consciousness, and our sensation and perception. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grade: 11-12 | $\begin{gathered} 935 \\ \text { B } \end{gathered}$ | Psychology B: In this course, students will apply methods and theories learned in Psychology A to learning and cognitive processes, psychological testing, theories of personalities, and psychological disorders focusing more on the socio-cultural part of psychology. <br> Prerequisite: None Credit: 0.5 Length: 1 Trimester <br> Grade: 11-12 |
| 940 | Sociology: Sociology is the study of human social behavior and our interaction in groups. A wide variety of topics such as social control, inequalities of race and ethnicity, adolescence, personality development, and social change are studied and discussed in this course. Students will study many topics via the internet, examine case studies, and watch and analyze films. Students will be expected to participate in daily discussion, work with peers, and present on relevant topics. <br> Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 11-12 | $952$ | World Geography \& Cultures: This course builds on students' understanding of geography and spatial thinking. Contemporary World issues are explored through the lens of geography. Students will study the cultural and physical geographies of various parts of the world-including Latin America, Europe, Russia, Asia, Africa and Australia. This trimester course counts as a World History credit towards graduation. <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grade: 10-12 |
| 956 | US Military Operations: This course will study the US military passing away between 1939-1945, World War II had an extremely hig dictators, the role of technology, the successes and mistakes of bat <br> Prerequisite: None <br> Credit: 0.5 Length: 1 Trimester Grade: 11-12 |  | rld War II, and the Holocaust. With 60-80 million people e. This course examines the causality of wars, rise of s, and WWII's continuing impact on today's world. |

## 9th Grade Electives

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Art | 103 | 2D Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 104 | 3D Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 130 | ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 131 | Intermediate ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 132 | Advanced Z-Brush | 0.5 | 1 Trimester | 9th-12th |
| Business | 203 | Business Foundations | 0.5 | 1 Trimester | 9th-10th |
| Business | 204 | Finance Foundations | 0.5 | 1 Trimester | 9th-12th |
| Business | 206 | Entrepreneurship | 0.5 | 1 Trimester | 9th-12th |
| Business | 216 | Money Management Success | 0.5 | 1 Trimester | 9th-12th |
| Business | 219 | Microsoft Excel | 0.5 | 1 Trimester | 9th-12th |
| Business | 220 | Workplace Applications | 0.5 | 1 Trimester | 9th-12th |
| Business | 221 | Introduction to Computer Science | 0.5 | 1 Trimester | 9th-12th |
| Business | 222 | Microsoft Word Specialist | 0.5 | 1 Trimester | 9th-12th |
| Business | 230A | Game Design A | 0.5 | 1 Trimester | 9th-12th |
| Business | 230B | Game Design B | 0.5 | 1 Trimester | 9th-12th |
| Business | 235 | Web Page Design \& Development | 0.5 | 1 Trimester | 9th-12th |
| Business | 241 | Social Media Marketing | 0.5 | 1 Trimester | 9th-12th |
| Business | 254 | Digital Media Marketing | 0.5 | 1 Trimester | 9th-12th |
| Construction | 181 | Mechanical, Electrical, and Plumbing Systems | 0.5 | 1 Trimester | 9th-10th |
| Construction | 180 | Fundamentals of Architecture and Construction | 0.5 | 1 Trimester | 9th-10th |
| Construction | 182 | Principles of Wood Construction | 0.5 | 1 Trimester | 9th-10th |
| English | 247 | Book Club, a Class! | 0.5 | 1 Trimester | 9th-12th |
| English | 365 | Communications 1 | 0.5 | 1 Trimester | 9th-12th |
| English | 380 | Creative Writing | 0.5 | 1 Trimester | 9th-12th |
| English | 382 | Video Productions | 0.5 | 1 Trimester | 9th-12th |
| JROTC/PE | 730 | JROTC 1 | 1 | 2 Trimesters | 9th-12th |

## 9th Grade Electives - Continued

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| JROTC/PE | 750 | JROTC Drill 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 400 | French 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 405 | French 2 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 450 | Spanish 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 455 | Spanish 2 | 1 | 2 Trimesters | 9th-12th |
| Music | 140 | History of Popular Music I | 0.5 | 1 Trimester | 9th-12th |
| Music | 142 | History of Popular Music II | 0.5 | 1 Trimester | 9th-12th |
| Music | 145 | Acoustic Guitar | 0.5 | 1 Trimester | 9th-12th |
| Music | 150 | Concert Choir | Up to 1.5 | 1-3 Trimesters | 9th-12th |
| Music | 160 | Marching Band | 0.5 | 1 Trimester | 9th-12th |
| Music | 166 | Color Guard | 0.5 | 1 Trimester | 9th-12th |
| Music | 175 | Concert Band | 1 | 2 Trimesters | 9th-12th |
| Music | 384 | Introduction to Theater Performance | 0.5 | 1 Trimester | 9th-12th |
| Music | 385 | Introduction to Theatre Tech | 0.5 | 1 Trimester | 9th-12th |
| Music | 386 | Advanced Theatre Production | 0.5 | 1 Trimester | 9th-12th |
| PE | 710 | Elective Physical Education | 0.25 | 1 Trimester | 9th-12th |
| Science | 894 | Renewable Energy Technology 1 | 0.5 | 1 Trimester | 9th-12th |
| Science | 895 | Renewable Energy Technology 2 | 0.5 | 1 Trimester | 9th-12th |
| Science | 896 | Renewable Energy Technology 3 | 0.5 | 1 Trimester | 9th-12th |

## 10TH GRADE ELECTIVEs

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Art | 103 | 2D Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 104 | 3D Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 105 | Painting 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 106 | Advanced Painting | 0.5 | 1 Trimester | 9th-12th |
| Art | 110 | Drawing 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 111 | Advanced Drawing | 0.5 | 1 Trimester | 9th-12th |
| Art | 115 | Sculpture 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 116 | Advanced Sculpture | 0.5 | 1 Trimester | 9th-12th |
| Art | 120 | Ceramics 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 121 | Advanced Ceramics | 0.5 | 1 Trimester | 9th-12th |
| Art | 128 | Graphics and Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 129 | Advanced Graphics Design \& Illustration | 0.5 | 1 Trimester | 9th-12th |
| Art | 130 | ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 131 | Intermediate ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 132 | Advanced ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Business | 203 | Business Foundations | 0.5 | 1 Trimester | 9th-10th |
| Business | 204 | Finance Foundations | 0.5 | 1 Trimester | 9th-12th |
| Business | 206 | Entrepreneurship | 0.5 | 1 Trimester | 9th-12th |
| Business | 208 | International Business | 0.5 | 1 Trimester | 10th-12th |
| Business | 210 | Consumer Law | 0.5 | 1 Trimester | 10th-12th |
| Business | 216 | Money Management Success | 0.5 | 1 Trimester | 9th-12th |
| Business | 217 | Accounting I | 0.5 | 1 Trimester | 10th-12th |
| Business | 218 | Accounting II | 0.5 | 1 Trimester | 10th-12th |
| Business | 219 | Microsoft Excel | 0.5 | 1 Trimester | 9th-12th |
| Business | 220 | Workplace Applications | 0.5 | 1 Trimester | 9th-12th |
| Business | 221 | Introduction to Computer Science | 0.5 | 1 Trimester | 9th-12th |

## 10th Grade Electives - Continued

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Business | 222 | Microsoft Word Specialist | 0.5 | 1 Trimester | 9th-12th |
| Business | 230A | Game Design A | 0.5 | 1 Trimester | 9th-12th |
| Business | 230B | Game Design B | 0.5 | 1 Trimester | 9th-12th |
| Business | 235 | Web Page Design \& Development | 0.5 | 1 Trimester | 9th-12th |
| Business | 241 | Social Media Marketing | 0.5 | 1 Trimester | 9th-12th |
| Business | 250 | Integrated Computer Technology | 0.5 | 1 Trimester | 10th-12th |
| Business | 254 | Digital Media Marketing | 0.5 | 1 Trimester | 9th-12th |
| Business | 257A | Introduction to Marketing A | 0.5 | 1 Trimester | 10th-12th |
| Business | 257B | Introduction to Marketing B | 0.5 | 1 Trimester | 10th-12th |
| Business | 275 | Independent Living | 0.5 | 1 Trimester | 10th-12th |
| Construction | 181 | Mechanical, Electrical, and Plumbing Systems | 0.5 | 1 Trimester | 9th-10th |
| Construction | 180 | Fundamentals of Architecture and Construction | 0.5 | 1 Trimester | 9th-10th |
| Construction | 182 | Principles of Wood Construction | 0.5 | 1 Trimester | 9th-10th |
| English | 247 | Book Club, a Class! | 0.5 | 1 Trimester | 9th-12th |
| English | 365 | Communications I | 0.5 | 1 Trimester | 9th-12th |
| English | 370 | Communications II | 0.5 | 1 Trimester | 10th-12th |
| English | 371 | Honors Communications III | 0.5 | 1 Trimester | 10th-12th |
| English | 380 | Creative Writing | 0.5 | 1 Trimester | 9th-12th |
| English | 381 | Film Literacy | 0.5 | 1 Trimester | 10th-12th |
| English | 382 | Video Productions | 0.5 | 1 Trimester | 9th-12th |
| Hospitality | 500 | Principles of Foods | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 506 | Principles of Nutrition \& Wellness | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 507 | Fundamentals of Food Service | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 511 | Global Foods | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 513 | Food Science | 0.5 | 1 Trimester | 10th-12th |
| JROTC/PE | 730/735 | JROTC 1/JROTC 2 | 1 | 2 Trimesters | 9th-12th |
| JROTC/PE | 750/755 | JROTC Drill 1/JROTC Drill 2 | 1 | 2 Trimesters | 9th-12th |

## 10th Grade Electives - Continued

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mod. Lang. | 400 | French 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 405 | French 2 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 410 | Honors French 3 | 1 | 2 Trimesters | 10th-12th |
| Mod. Lang. | 450 | Spanish 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 455 | Spanish 2 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 460 | Honors Spanish 3 | 1 | 2 Trimesters | 10th-12th |
| Music | 140 | History of Popular Music I | 0.5 | 1 Trimester | 9th-12th |
| Music | 142 | History of Popular Music II | 0.5 | 1 Trimester | 9th-12th |
| Music | 145 | Acoustic Guitar | 0.5 | 1 Trimester | 9th-12th |
| Music | 150 | Concert Choir | Up to 1.5 | 1-3 Trimesters | 9th-12th |
| Music | 153 | Chamber Singers | 1.5 | 3 Trimesters | 10th-12th |
| Music | 160 | Marching Band | 0.5 | 1 Trimester | 9th-12th |
| Music | 170 | Symphonic Band | 1 | 2 Trimesters | 10th-12th |
| Music | 166 | Color Guard | 0.5 | 1 Trimester | 9th-12th |
| Music | 175 | Concert Band | 1 | 2 Trimesters | 9th-12th |
| Music | 384 | Introduction to Theater Performance | 0.5 | 1 Trimester | 9th-12th |
| Music | 385 | Introduction to Theatre Tech | 0.5 | 1 Trimester | 9th-12th |
| Music | 386 | Advanced Theatre Production | 0.5 | 1 Trimester | 9th-12th |
| PE | 710 | Elective Physical Education | 0.25 | 1 Trimester | 9th-12th |
| PE | 713 | Recreational Activities for Life | 0.25 | 1 Trimester | 10th-12th |
| PE | 715 | Strength and Conditioning | 0.25 | 1 Trimester | 10th-12th |
| Science | 846 | Human Body Systems | 1 | 2 Trimesters | 10th-12th |
| Science | 894 | Renewable Energy Technology 1 | 0.5 | 1 Trimester | 9th-12th |
| Science | 895 | Renewable Energy Technology 2 | 0.5 | 1 Trimester | 9th-12th |
| Science | 896 | Renewable Energy Technology 3 | 0.5 | 1 Trimester | 9th-12th |
| Soc. Stud. | 927 | Debating Global Issues | 1 | 2 Trimesters | 10th-12th |
| Soc. Stud. | 952 | World Geography and Cultures | 0.5 | 1 Trimester | 10th-12th |
| Ed. Opt. | 360 | Yearbook | 1.5 | 3 Trimesters | 10th-12th |

## 11TH-12TH GRADE ELECTIVES

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Art | 103 | 2D Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 104 | 3D Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 105 | Painting 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 106 | Advanced Painting | 0.5 | 1 Trimester | 9th-12th |
| Art | 110 | Drawing 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 111 | Advanced Drawing | 0.5 | 1 Trimester | 9th-12th |
| Art | 115 | Sculpture 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 116 | Advanced Sculpture | 0.5 | 1 Trimester | 9th-12th |
| Art | 120 | Ceramics 1 | 0.5 | 1 Trimester | 9th-12th |
| Art | 121 | Advanced Ceramics | 0.5 | 1 Trimester | 9th-12th |
| Art | 128 | Graphics and Design | 0.5 | 1 Trimester | 9th-12th |
| Art | 129 | Advanced Graphics Design \& Illustration | 0.5 | 1 Trimester | 9th-12th |
| Art | 130 | ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 131 | Intermediate ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 132 | Advanced ZBrush Digital Art | 0.5 | 1 Trimester | 9th-12th |
| Art | 135 | Portfolio Preparation | 0.5 | 1 Trimester | 11th-12th |
| Business | 202 | Hospitality Management | 0.5 | 1 Trimester | 11th-12th |
| Business | 204 | Finance Foundations | 0.5 | 1 Trimester | 9th-12th |
| Business | 206 | Entrepreneurship | 0.5 | 1 Trimester | 9th-12th |
| Business | 208 | International Business | 0.5 | 1 Trimester | 10th-12th |
| Business | 210 | Consumer Law | 0.5 | 1 Trimester | 10th-12th |
| Business | 212 | The Business of Retail | 0.5 | 1 Trimester | 11th-12th |
| Business | 214 | Career Success | 0.5 | 1 Trimester | 11th-12th |
| Business | 216 | Money Management Success | 0.5 | 1 Trimester | 9th-12th |
| Business | 217 | Accounting I | 0.5 | 1 Trimester | 10th-12th |
| Business | 218 | Accounting II | 0.5 | 1 Trimester | 10th-12th |

## 11th-12TH GRADE Electives - CONTINUED

| Subject | Course Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Business | 219 | Microsoft Excel | 0.5 | 1 Trimester | 9th-12th |
| Business | 220 | Workplace Applications | 0.5 | 1 Trimester | 9th-12th |
| Business | 221 | Introduction to Computer Science | 0.5 | 1 Trimester | 9th-12th |
| Business | 222 | Microsoft Word Specialist | 0.5 | 1 Trimester | 9th-12th |
| Business | 230A | Game Design A | 0.5 | 1 Trimester | 9th-12th |
| Business | 230B | Game Design B | 0.5 | 1 Trimester | 9th-12th |
| Business | 235 | Web Page Design \& Development | 0.5 | 1 Trimester | 9th-12th |
| Business | 241 | Social Media Marketing | 0.5 | 1 Trimester | 9th-12th |
| Business | 250 | Integrated Computer Technology | 0.5 | 1 Trimester | 10th-12th |
| Business | 254 | Digital Media Marketing | 0.5 | 1 Trimester | 9th-12th |
| Business | 257A | Introduction to Marketing A | 0.5 | 1 Trimester | 10th-12th |
| Business | 257B | Introduction to Marketing B | 0.5 | 1 Trimester | 10th-12th |
| Business | 275 | Independent Living | 0.5 | 1 Trimester | 10th-12th |
| English | 247 | Book Club, a Class! | 0.5 | 1 Trimester | 9th-12th |
| English | 365 | Communications I | 0.5 | 1 Trimester | 9th-12th |
| English | 370 | Communications II | 0.5 | 1 Trimester | 10th-12th |
| English | 371 | Honors Communications III | 0.5 | 1 Trimester | 10th-12th |
| English | 380 | Creative Writing | 0.5 | 1 Trimester | 9th-12th |
| English | 381 | Film Literacy | 0.5 | 1 Trimester | 10th-12th |
| English | 382 | Video Productions | 0.5 | 1 Trimester | 9th-12th |
| Hospitality | 500 | Principles of Foods | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 506 | Principles of Nutrition \& Wellness | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 507 | Fundamentals of Food Service | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 511 | Global Foods | 0.5 | 1 Trimester | 10th-12th |
| Hospitality | 513 | Food Science | 0.5 | 1 Trimester | 10th-12th |
| JROTC/PE | 730/735/740/745 | JROTC 1/JROTC 2/JROTC 3/JROTC 4 | 1 | 2 Trimesters | 9th-12th |
| JROTC/PE | 750/755/760/765 | JROTC Drill 1/JROTC Drill 2/JROTC Drill 3/JROTC Drill 4 | 1 | 2 Trimesters | 9th-12th |

## 11th-12TH GRADE Electives - Continued

| Subject | Course <br> Number | Course Title | Credits | Length | Grades |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mod. Lang. | 400 | French 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 405 | French 2 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 410 | Honors French 3 | 1 | 2 Trimesters | 10th-12th |
| Mod. Lang. | 415 | Honors French 4 | 1 | 2 Trimesters | 11th-12th |
| Mod. Lang. | 450 | Spanish 1 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 455 | Spanish 2 | 1 | 2 Trimesters | 9th-12th |
| Mod. Lang. | 460 | Honors Spanish 3 | 1 | 2 Trimesters | 10th-12th |
| Mod. Lang. | 465 | Honors Spanish 4 | 1 | 2 Trimesters | 11th-12th |
| Music | 140 | History of Popular Music I | 0.5 | 1 Trimester | 9th-12th |
| Music | 142 | History of Popular Music II | 0.5 | 1 Trimester | 9th-12th |
| Music | 145 | Acoustic Guitar | 0.5 | 1 Trimester | 9th-12th |
| Music | 150 | Concert Choir | Up to 1.5 | 1-3 Trimesters | 9th-12th |
| Music | 153 | Chamber Singers | 1.5 | 3 Trimesters | 10th-12th |
| Music | 160 | Marching Band | 0.5 | 1 Trimester | 9th-12th |
| Music | 166 | Color Guard | 0.5 | 1 Trimester | 9th-12th |
| Music | 170 | Symphonic Band |  |  |  |
| Music | 175 | Concert Band | 1 | 2 Trimesters | 9th-12th |
| Music | 384 | Introduction to Theater Performance | 0.5 | 1 Trimester | 9th-12th |
| Music | 385 | Introduction to Theatre Tech | 0.5 | 1 Trimester | 9th-12th |
| Music | 386 | Advanced Theatre Production | 0.5 | 1 Trimester | 9th-12th |
| PE | 710 | Elective Physical Education | 0.25 | 1 Trimester | 9th-12th |
| PE | 713 | Recreational Activities for Life | 0.25 | 1 Trimester | 10th-12th |
| PE | 715 | Strength and Conditioning | 0.25 | 1 Trimester | 10th-12th |
| Science | 846 | Human Body Systems | 1 | 2 Trimesters | 10th-12th |
| Science | 880 | Astronomy | 0.5 | 1 Trimester | 11th-12th |
| Science | 887 | Environmental Science | 0.5 | 1 Trimester | 11th-12th |

## 11th-12TH GRADE Electives - Continued

| Subject | Course <br> Number | Course Title | Credits | Length | Grades |
| :--- | :---: | :--- | :---: | :--- | :--- |
| Science | 888 | Science Ethics in the 21st Century | 0.5 | 1 Trimester | 9th-12th |
| Science | 890 | Zoology | 0.5 | 1 Trimester | 11th-12th |
| Science | 894 | Renewable Energy Technology 1 | 0.5 | 1 Trimester | 9th-12th |
| Science | 895 | Renewable Energy Technology 2 | 0.5 | 1 Trimester | 9th-12th |
| Science | 896 | Renewable Energy Technology 3 | 0.5 | 1 Trimester | 9th-12th |
| Science | 856 | Medical Interventions | 1 | 1 Trimester* | 11th-12th |
| Soc. Stud. | 927 | Debating Global Issues | 1 | 2 Trimesters | 10th-12th |
| Soc. Stud. | 938 | AP Psychology | 1.5 | 3 Trimesters | 11th-12th |
| Soc. Stud. | $935 A$ | Psychology A | 0.5 | 1 Trimester | 11th-12th |
| Soc. Stud. | $935 B$ | Psychology B | 0.5 | 1 Trimester | 11th-12th |
| Soc. Stud. | 940 | Sociology | 0.5 | 1 Trimester | 11th-12th |
| Soc. Stud. | 952 | World Geography and Cultures | 0.5 | 1 Trimester | 10th-12th |
| Soc. Stud. | 956 | US Military Operations | 0.5 | 1 Trimester | 11th-12th |

## Business/Hospitality Pathway Application Link: https://forms.gle/5uoCjA894NgdOdcu7

## C4 - Business Pathway Course Sequence

Business Pathway Application Link: https://forms.gle/5uoCjA894Ngd0dcu7

| Subject | Course Title | Credits | Length | Grade |
| :---: | :---: | :---: | :---: | :---: |
| English | English I | 1-1.5 | 2-3 Trimesters | 9th |
| Math | Algebra 1 or Geometry | 1-1.5 | 2-3 Trimesters | 9th |
| Science | Scientific Principles/Intro to Physics/Into. to Chemistry | 1.5 | 3 Trimesters | 9th |
| Soc. Stud. | World and US History 9 | 1 | 2 Trimesters | 9th |
| PE | Physical Education | 0.5 | 2 Trimesters | 9th |
| Elective | High School Success | 0.5 | 2 Trimesters | 9th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 0.5-1 |  | 9th |
| Bus | 203 - Business Foundations | 0.5 | 1 Trimester | 9th-10th |
| English | English II | 1-1.5 | 2-3 Trimesters | 10th |
| Math | Geometry | 1-1.5 | 2-3 Trimesters | 10th |
| Science | Biology | 1 | 2 Trimesters | 10th |
| Soc. Stud. | World and US History 10 | 1 | 2 Trimesters | 10th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 2.5-3 |  | 10th |
| English | English III | 1 | 2 Trimesters | 11th |
| Math | Algebra II or Statistics | 1 | 2 Trimesters | 11th |
| Science | Junior Level Science Course | 1 | 2 Trimesters | 11th |
| Soc. Stud. | Government + SS Elective | 1 | 2 Trimesters | 11th |
| Bus | 201 - Fundamentals of Business and Administrative Service | 0.5 | 1 Trimester | 11th |
| Bus | 258 - Management Principles A/B | 1 | 2 Trimesters | 11th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 9.5 |  | 11th |
| English | English IV | 1 | 2 Trimesters | 12th |
| Math | Statistics and Financial Math | 1 | 2 Trimesters | 12th |
| Science | Senior Level Science Course, if needed | 1 | 2 Trimesters | 12th |
| Soc. Stud. | Economics + SS Elective | 1 | 2 Trimesters | 12th |
| Bus | 207-Strategic Entrepreneurship A/B | 1 | 2 Trimesters | 12th |
| Bus | School-based Work Time |  |  | 12th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 9.5 |  | 12th |

## L1 - Hospitality Pathway Course Sequence

Hospitality Pathway Application Link: https://forms.gle/5uoCjA894NgdOdcu7

| Subject | Course Title | Credits | Length | Grade |
| :---: | :---: | :---: | :---: | :---: |
| English | English I | 1-1.5 | 2-3 Trimesters | 9th |
| Math | Algebra 1 or Geometry | 1-1.5 | 2-3 Trimesters | 9th |
| Science | Scientific Principles/Intro to Physics/Into. to Chemistry | 1.5 | 3 Trimesters | 9th |
| Soc. Stud. | World and US History 9 | 1 | 2 Trimesters | 9th |
| PE | Physical Education | 0.5 | 2 Trimesters | 9th |
| Elective | High School Success | 0.5 | 2 Trimesters | 9th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 1 |  | 9th |
| English | English II | 1-1.5 | 2-3 Trimesters | 10th |
| Math | Geometry | 1-1.5 | 2-3 Trimesters | 10th |
| Science | Biology | 1 | 2 Trimesters | 10th |
| Soc. Stud. | World and US History 10 | 1 | 2 Trimesters | 10th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 2.5-3 |  | 10th |
| English | English III | 1 | 2 Trimesters | 11th |
| Math | Algebra Il or Statistics | 1 | 2 Trimesters | 11th |
| Science | Junior Level Science Course | 1 | 2 Trimesters | 11th |
| Soc. Stud. | Government + SS Elective | 1 | 2 Trimesters | 11th |
| Hosp. | 508 - Hospitality Fundamentals | 0.5 | 1 Trimester | 11th |
| Hosp. | 501 - Event and Food Planning A/B | 1 | 2 Trimesters | 11th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 9.5 |  | 11th |
| English | English IV | 1 | 2 Trimesters | 12th |
| Math | Statistics and Financial Math | 1 | 2 Trimesters | 12th |
| Science | Senior Level Science Course, if needed | 1 | 2 Trimesters | 12th |
| Soc. Stud. | Economics + SS Elective | 1 | 2 Trimesters | 12th |
| Hosp. | 503 -Catering and Banquet Services A/B | 1 | 2 Trimesters | 12th |
| Hosp. | 504 -Dining Room Services A/B | 1 | 2 Trimesters | 12th |
| Hosp. | School-based Work Time |  |  | 12th |
| Electives | Remainder of schedule should be filled with Electives -(JROTC, Band, Foreign Language, Art, etc.) | 9.5 |  | 12th |

## EDUCATIONAL OpTIONS

| 360 | Yearbook: Do you want to help create a memory book? The years of attending Springfield High School go by quickly and become a distant recollection. Help create a lasting impression of those years by joining Yearbook. This course is the creation and production of a product-the Yearbook. It requires outside work beyond the school day. Lifelong skills will be learned and applied: sales, time management, professionalism, business communication, photography, and organization all while having fun. An application, a meeting, and an evaluation are part of the selection process to be in the course. Only those truly interested and committed should apply. <br> Prerequisite: None <br> Credit: 1.5 Length: 3 Trimesters Grades: 10-12 | 1030 | Teaching Professions: This one-year program is designed to give qualified seniors a head start on a successful career path to teaching. Students obtain focused class work and actual field experiences in a variety of educational settings in local school systems. This is a Penta Career Center satellite program. <br> Students are responsible for providing their own transportation to Perrysburg High School or Anthony Wayne High School where the classes are offered. Teaching Professions is a Tech Prep program and offers students the opportunity for college credit. <br> Prerequisite: Minimum cumulative GPA of 2.75 or higher; Minimal Absences <br> Credit: 3 Length: 3 Trimesters Grade: 12 |
| :---: | :---: | :---: | :---: |
| 1040 | Student Aide: This provides eligible students the opportunity to serve as an aide for either a teacher or an office. Evaluation is based on a Pass/Fail designation and is made by the supervising teacher or staff member. This course does not affect the student's GPA. Parental consent is mandatory. Participants must not have had a grade of F the previous trimester and must maintain a minimum 2.5 cumulative GPA. Students with suspensions (in or out of school) the previous trimester are not eligible. <br> Prerequisite: Minimum cumulative GPA of 2.5 or higher; No prior suspensions <br> Credit: 0 Length: 1 Trimester Grades: 11-12 | 1090 | Senior Seminar - a.m.: Senior Seminar is intended to provide 12th grade students an opportunity to pursue enrichment activities beyond the traditional high school curriculum. Students are required to earn a minimum 7 hours of community service for each trimester they are enrolled in and must be in good-standing with grades and credits. Students will be allowed to start the school day beginning with 2nd period. Evaluation is based on a Pass/Fail designation and is made by the student's counselor. This course does not affect the student's GPA. Parental consent is required. <br> *Due to eligibility stipulations, students are not permitted to take Senior Seminar a.m. and Senior Seminar p.m. during the same trimester. <br> Prerequisite: Minimum cumulative GPA of 2.7 or higher; No graduation requirement deficiencies <br> Credit: 0 Length: 1-3 Trimesters Grade: 12 |

Senior Seminar-p.m.: Senior Seminar is intended to provide 12th grade students an opportunity to pursue enrichment activities beyond the traditional high school curriculum. Students are required to earn a minimum 7 hours of community service for each trimester they are enrolled in and must be in good-standing with grades and credits. Students will be allowed to leave school after 4th period. Evaluation is based on a Pass/Fail designation and is made by the student's counselor. This course does not affect the student's GPA. Parental consent is required. *Due to eligibility stipulations, students are not permitted to take Senior Seminar a.m. and Senior Seminar p.m. during the same trimester.

Prerequisite: Minimum cumulative GPA of 2.7 or higher; No graduation requirement deficiencies
Credit: $0 \quad$ Length: 1-3 Trimesters Grade: 12

## ADDITIONAL INFORMATION:

College Credit Plus (CCP): The College Credit Plus Program allows high school students to enroll in college courses through participating colleges or universities and receive both high school and college credit. Each college and university has its own admission requirements, and students must complete the required application process for their institution of interest. To participate in this program, students and parents must have attended the annual College Credit Plus meeting held in January. Please see the student's assigned counselor for more information.

Advanced Placement (AP): AP classes are an option for academically motivated students who are prepared to enroll in a rigorous college-level course. The courses are designed to prepare students to take the AP Exam in May for the subject area in which they are enrolled. Students may receive college credit depending on the credit policies of individual colleges. Typically a score of 3 or higher is required to receive college credit. Students are encouraged to check with their colleges or universities of interest for AP credit policies. AP courses are currently offered for US History, Calculus, Biology, Physics 1, and Psychology. Students must meet eligibility and scheduling requirements to enroll. Springfield Local Schools was named to the AP Honor Roll by the College Board for expanding opportunity and improving performance for Advanced Placement students.

Credit Flexibility: The Springfield Local Schools Board of Education offers a credit flexibility option program. It is designed for students who demonstrate the ability and maturity to accept personal responsibility for their learning in a selected curricular area within a Springfield Local Schools Board of Education approved program. Those students interested in the program should see their assigned counselor for further information.

Industry Recognized Credentials (IRC): Springfield High School will offer opportunities to earn IRC's built into multiple classes. The term industry-recognized credential means a credential that is sought or accepted by multiple employers within the industry or sector involved. The credential is accepted, preferred or required for screening, hiring, retention, or advancement purposes and may include credentials from vendors of certain products. Where appropriate, an industry-recognized credential is endorsed by a nationally recognized trade association or organization representing a significant part of the industry or sector.

Special Education: Students identified as needing special education services will receive instruction through a variety of options. Placement in classes is determined by the identified disability and the student's academic level. Special education services are provided both in the general education classrooms and in specialized classrooms, depending on the student's identified needs.

## ADDITIONAL INFORMATION -CONTINUED

PENTA Career Center: For over 50 years, Penta Career Center has provided career-technical training programs for high school students. Students are eligible to apply for a career training program for their junior and senior years of high school. The application process begins in November of the sophomore year. A limited number of one-year programs are available for seniors and the application process begins in November of the junior year. Students may also apply for the Sophomore Exploratory Program. The application process begins in the fall of the freshman year. For more information, visit the Penta Career Center website at www.pentacareercenter.orq.

Springfield Digital Academy (SDA): Springfield Digital Academy is an online alternative created to provide a unique learning environment and experience that serves students grades 6-12 who reside in the Springfield Local School District. The mission of the Springfield Digital Academy is to develop and provide an innovative educational alternative that meets the unique needs of its students through individualized online instruction and personalized committed mentorship.

NCAA Eligibility Center: Students interested in playing a collegiate sport are advised to register with the NCAA Eligibility Center. The Eligibility Center determines a student's eligibility based on the student's academic core GPA and ACT/SAT test scores. The path to being eligible begins in the freshman year of high school; gaining eligibility is a four-year process. The Eligibility Center recommends that prospective student-athletes register before the start of the junior year and have the high school send an official transcript to allow for a preliminary certification. Students may register for the NCAA Eligibility Center online at www.eligibilitycenter.org. Please know that students and parents are responsible for initiating and completing this process. You may ask your student's assigned counselor for further information.

Enrollment: Any course with limited enrollment (less than or equal to 12 students) is subject to not being offered for the Trimester/School Year.

While every effort is made to ensure the accuracy of this course guide, the information is subject to change.


