SPRINGFIELD HIGH SCHOOL

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www.springfield-schools.org

CURRICULUM GUIDE 2023-24

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GENERAL INFORMATION

GRADUATION REQUIREMENTS

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 <u>two</u> 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 4.0 credits (Includes Algebra 1, Geometry, Algebra 2)

Science 3.0 credits (Includes Physical Science, Biology, Advanced Science)

Social Studies 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.

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ACADEMIC DIPLOMA WITH HONORS*

To be eligible to graduate with the Academic Diploma with Honors, students must meet at least seven of the following eight criteria:

1. English 4.0 credits

2. Mathematics 4.0 credits (Includes Algebra 1, Geometry, Algebra 2, Adv. Math)

3. Science 4.0 credits (Must Include 2.0 credits Adv. Science Units)

4. Social Studies 4.0 credits

5. Foreign Language 3.0 credits (0f one language or 2.0 credits each of two languages)

6. Fine Arts 1.0 credit

7. GPA 3.5 minimum cumulative GPA at the end of the 2nd trimester

of senior year

8. ACT/SAT Minimum composite score of 27 on the ACT or combined

verbal and mathematics score of 1280 on the SAT

*The State of Ohio has created additional Honors Diploma options through Fine Arts, STEM, and Social Sciences/Civics curriculum. Please see your counselor for additional information and application.

CAREER-TECHNICAL DIPLOMA WITH HONORS

To be eligible to graduate with the Career-Technical Diploma with Honors, students must meet at least seven of the following eight criteria:

1. English 4.0 credits

2. Mathematics
 3. Science
 4.0 credits (Includes Algebra 1, Geometry, Algebra 2, Adv. Math)
 4.0 credits (Includes 2.0 credits of Advanced Science Units)

4. Social Studies 4.0 credits

5. Electives6. Assessment4.0 credits (Must be in a career-tech education program)Achieve proficiency benchmark established for the Ohio

Career-Technical Competency Assessment or equivalent

7. GPA 3.5 minimum cumulative GPA at the end of the 2nd trimester

of senior year

8. ACT/SAT Minimum composite score of 27 on the ACT or combined

verbal and mathematics score of 1280 on the SAT

SPRINGFIELD HIGH SCHOOL GRADING SCALES

GENERAL GRADING SCALE

100-92%	A = 4.0
91-82%	B = 3.0
81-72%	C = 2.0
71-62%	D = 1.0
61-0%	F = 0.0

HONORS & ADVANCED PLACEMENT GRADING SCALE

100-96%	H = 5.0
95-92%	A = 4.5
91-82%	B = 4.0
81-72%	C = 3.0
71-62%	D = 1.0
61-0%	F = 0.0

COURSES LISTED BY DEPARTMENT

ART

	ART		
103	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 Credit: 0.5 Length: 1 Trimester Grades: 9-12	110	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
104	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	111	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 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) Credit: 0.5 Length: 1 Trimester Grades: 10-12
105	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	115	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
106	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	116	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

ART - CONTINUED

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.

Prerequisite: 3D Design

Credit: 0.5 Length: 1 Trimester Grades: 10-12

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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 3D/2.5D 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 3D printing. ZBrush is the most advanced 3D sculpting program out there. What separates it from other 3D 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.. Sketchbook and flash drive are required. Additional supplies may also be required.

Prerequisite: None

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

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.

Prerequisite: Ceramics 1 - (C or higher)

Credit: 0.5 Length: 1 Trimester Grades: 10-12

Click below to view the Z-Brush Video

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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 3D 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.

IRC's Embedded: Adobe Certified Expert Photoshop CC(4) & Adobe Certified Illustrator CC (4) — Pending ACE Exam Options

Prerequisite: 2D Design

Credit: 0.5 Length: 1 Trimester Grades: 10-12

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.

Prerequisite: Basic Z-Brush

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

ART - CONTINUED

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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 3D 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

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-D and 3-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/5uoCjA894NgdQdcu7

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Fundamentals of Business and Administrative

Services: This course provides an essential background for all students who plan further study in business as a career and for anyone who deals daily with the world of business. Areas of concentration include the American free enterprise system, business careers, entrepreneurism, good work practices, wise consumerism, banking, credit, money management and budgeting, 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

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:

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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 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

Microsoft Excel: 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

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 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

Introduction to Computer Science: Designed for 9th-12th grade students, Exploring Computer Science introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Discoveries with a deeper focus on concepts such as how the internet works and the societal impacts of computer science. Students will get a basic understanding of cyber security and programming.

Prerequisite: None

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



204	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	222	Microsoft Word Specialist: Explore and enhance y 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 W application in preparation of taking the Microsoft Word Certification Test. Students will create various document 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.
	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		IRC Embedded: Microsoft Word (3) 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		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
206	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	230 A	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
207 A	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	230 B	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 Credit: 0.5 Length: 1 Trimester Grades: 9-12
	Prerequisite: Business Foundations Credit: 0.5 Length: 1 Trimester Grades: 12		IE DE
207 B	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	235	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.
	the potential to earn college credit Prerequisite: Strategic Entrepreneurship A Credit: 0.5 Length: 1 Trimester Grades: 12		Prerequisite: Video Game Design A Credit: 0.5 Length: 1 Trimester Grades: 9-12

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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

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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

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

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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



257

A

257

B

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; 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. **Prerequisite: None**

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Credit: 0.5 Length: 1 Trimester Grades: 11-12

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.

Prerequisite: None

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 explored. Internet activities are included as a portion of this course.

Prerequisite: None

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

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

Prerequisite: None

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.

Prerequisite: Business Foundations

Credit: 0.5 Length: 1 Trimester Grades: 10-12

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: *Financial Decisions

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*Paying for Higher Education

*Understanding a Paycheck *Selecting a Bank

incorporated into classroom activities.

*Understanding Credit Cards *Checking your Credit Score

*Protecting Yourself from Fraud *Doing Your Taxes *Renting an Apartment *Buying a House

Prerequisite: Business Foundations

Credit: 0.5 Length: 1 Trimester Grades: 10-12

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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.

CREATE A

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BETTER

FUTURE

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

Credit: 0.5 Length: 1 Trimester Grades: 11



258 B

CONSTRUCTION TECHNOLOGIES

180	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	181	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. 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
182	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

301

305

310

Credit: 1 Length: 2 Trimesters Grade: 9

Honors English I: This class is designed to challenge the superior English student. Students will comprehend and apply literary elements through reading, discussing, and analyzing short stories, poems, novels, and plays, leading to the enrichment of critical thinking skills. Writing assignments will involve constructed responses as reflected in Next-Generation Testing as well as personal narrative, expository, and argumentative essays. In addition, students will complete a novel analysis and a research project. Students who fail to complete summer assignments prior to August 1st will be removed from the honors section and placed in English 1.

Prerequisite: Teacher Recommendation;

Completion of Summer Assignments
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.

325

330

335

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 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

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 taxts.

Prerequisite: English I or English I A/B/C Credit: 1 Length: 2 Trimesters Grade: 10

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 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: 1.5 Length: 3 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

340

Credit: 1 Length: 2 Trimesters Grade: 12

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.

380

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 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

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245

320

321

ENGLISH/LANGUAGE ARTS ELECTIVES -CONTINUED

Communications I: If you're interested in the world of media Film Literacy: This course explores how film-makers compose broadcasting, communication is a course for you. In Comm I, you'll develop their works. Content includes the study of camera distance, types of and practice your vocal performance. You'll learn how to write short scripts shots, camera angles, camera movement, light and color, and using broadcast format. You'll write questions and develop skills to interview composing a scene. Students will apply content to analyze clips and students and staff. And you'll work hands-on with the equipment in the Blue full-length films. Students will also study various film genres and Devil Radio studio to record, edit and produce your own audio projects. At the research a film director that has made a significant impact on the end of the course, you'll have a small portfolio of work that could air on 97.7 FM industry. Students may also have opportunities to create film shorts. 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 **Prerequisite: None** 365 381 Honors Comm III, so if you enjoy a challenge, if have a knack for writing and Credit: 0.5 Length: 1 Trimester Grade: 10-12 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. 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. **Prerequisite: None** Credit: 0.5 Length: 1 Trimester Grade: 9-12 Click below to view the Communications I video 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. 382 **Prerequisite: None** Credit: 0.5 Length: 1 Trimester Grade: 9-12 **Communications II:** Communications II allows students to produce Honors Communications III: Students in Honors aired content for 97.7 FM WNLB. This class is project-based and meeting Communications III will continue to work on the production side of deadlines and submitting work on time is essential. Staff members will various media outlets. Honors Communications III students will write and edit scripts, record audio, and edit and produce multiple pieces coordinate and oversee the production of archival events, live events as of programming each week. Topics for programming include student and well as community sponsored activities. Students will go more in depth school news, sports, and pop culture and history as they relate to music of in the effects of demographics, ratings, and sponsorship on media. This **371 370** the 1950s and 60s. Students will practice professional standards of project based class will require after school time. Students will be journalism ethics and be required to meet high production standards. expected to provide exceptional leadership skills working with other Students will have the opportunity to engage with professional students through the various stages of production. organizations and/or media at the college level. Prerequisite: B or better in Communications II: advisor's approval Credit: 0.5 Length: 1 Trimester Grade: 10-12 Prerequisite: C or better in Communications I; advisor's approval

Credit: 0.5

Length: 1 Trimester

Grade: 10-12

HOSPITALITY

Hospitality Pathway Application Link: https://forms.gle/5uoCjA894NgdQdcu7

500	Principles of Foods: In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply basic cooking 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	507	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 Length: 1 Trimester Grade: 10-12
501	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.	511	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: Hospitality Fundamentals Credit: 1 Length: 2 Trimesters Grade: 11		Prerequisite: Principles of Foods; Wellness & Nutrition Credit: 0.5 Length: 1 Trimester Grade: 10-12
503	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	513	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. Prerequisite: Principles of Foods; Wellness & Nutrition Credit: 0.5 Length: 1 Trimester Grade: 10-12
504	Dining Room Services A/B: Students will apply strategies and techniques to identify and meet dining guest needs. They will provide table and beverage service; maintain eating areas, meeting spaces and serving stations; manage online reservations and orders; and monitor table turns, wait lines and table assignments. Nutritional analysis, types of table service, safety and sanitation, cultural intelligence, employability skills and communications will also be addressed. This is a Career Tech Pathway Course. C4 Pathway 330110. Prerequisite: Event and Food Planning Credit: 1 Length: 2 Trimesters Grade: 12	508	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 Trimester

JROTC - JUNIOR RESERVE OFFICER TRAINING CORPS

730 JROTC 1

Prerequisite: None

Credit: 1 Length: 2 Trimesters Grade: 9-12

735 JROTC 2

Prerequisite: JROTC 1

Credit: 1 **Length: 2 Trimesters** Grade: 10-12

740 JROTC 3

Prerequisite: JROTC 2

Credit: 1 Length: 2 Trimesters Grade: 11-12

JROTC 4 745

Prerequisite: JROTC 3

Credit: 1 **Length: 2 Trimesters** Grade: 12 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.

750 JROTC Drill 1

Prerequisite: None

Credit: 1.5 Length: 2 Trimesters Grade: 9-12

JROTC Drill 2 755

> Prerequisite: JROTC 1 or JROTC Drill 1 Credit: 1.5 Length: 2 Trimesters Grade: 10-12

760 JROTC 3

Prerequisite: JROTC 2 or JROTC Drill 2

Credit: 1.5 **Length: 2 Trimesters** Grade: 11-12

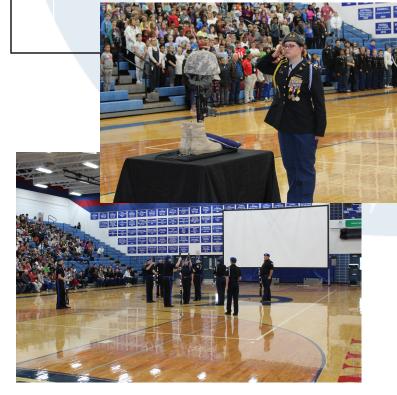
JROTC 4 765

> Prerequisite: JROTC 3 or JROTC Drill 3 Credit: 1.5

Length: 2 Trimesters Grade: 12

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. 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. Prerequisite: Algebra 2; Teacher Recommendation	
	Credit: up to 1.5 Length: 2-3 Trimesters Grade: 9		Credit: Up to 1.5 Length: 2-3 Trimesters Grades: 10-12	
610	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. Prerequisite: Teacher Recommendation		College Algebra (A) and Trigonometry (B)- (Dual 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. 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	
	Credit: up to 1.5 Length: 2-3 Trimesters Grade: 9	660	of functions: polynomials, rational, exponential, logarithmic and especially trigonometric. Students must complete both	
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.	A/B		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
	Prerequisite: Algebra 1; Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grade: 10		Prerequisite: Algebra 2; Minimum 3.0 cumulative GPA; Teacher Recommendation; other requirements specified by Owens Community College Credit: 1 Length: 2 Trimesters Grades: 10-12.	
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. Prerequisite: Algebra 1; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 9-10	1 Tri 665 2 Tri 668	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	
	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.		distributions, graphs, data descriptions, the normal distribution, confidence intervals, sample size, hypothesis testing, correlation, and regression are presented, but done so through the scope of the sports world	
630	Prerequisite: Algebra 1; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 9-10	D	665 Prerequisite: Algebra 2 Credit: .5 Length: 1 Trimester Grades: 12	
	ordan. 1 Length. 2 minesters Ordues. 0-10		668 Prerequisite: Geometry; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 11	

MATHEMATICS - CONTINUED

	MATHEMATICS - CONTINUED		
635	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	667	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. Prerequisite: Algebra 2 Credit: 0.5 Length: 1 Trimester Grade: 12
615	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	670	AP Calculus AB: This class is designed for the college-bound student and students seeking to earn 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 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: Pre-Calculus; Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grades: 11-12
640	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	675	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
645	numbers, conics, and trigonometric functions. Prerequisite: Geometry Accl.; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 10-11		can be rented for \$10 per trimester. Prerequisite: Honors Pre-Calculus; Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grades: 11-12

MODERN LANGUAGES

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.

Prerequisite: "C" or higher in the 2 most recent

Trimesters of an English Course

Credit: 1 Length: 2 Trimesters Grades: 9-12

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.

Prerequisite: French 1 with a "C" or higher in French 1B Credit: 1 Length: 2 Trimester Grades: 9-12

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.

Prerequisite: French 1 with a "C" or higher in French 2B Credit: 1 Length: 2 Trimester Grades: 10-12

Spanish 1: This course introduces the four communication skills of reading, writing, speaking, and listening. 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.

Prerequisite: "C" or higher in the 2 most recent

Trimesters of an English Course

450

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Credit: 1 Length: 2 Trimesters 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.

Prerequisite: Spanish 1 with a "C" or higher in Spanish 1B Credit: 1 Length: 2 Trimester Grades: 9-12

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.

Prerequisite: Spanish 2 with a "C" or higher in Spanish 2B Credit: 1 Lenath: 2 Trimester **Grades: 10-12**

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410

MODERN LANGUAGES -CONTINUED

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.

415

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

History of Popular Music I: This course explores the history of popular music in the United States before 1965. Students will be expected to identify a variety of popular music styles within the historical context of the development, transformation, and interaction of each style. Related social, political, and cultural issues will also be considered.

140 Prerequisite: None

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

Marching Band: Marching Band runs from mid-July through the end of the football season and includes performing in parades, at football games, and at marching band festivals. All members are required to attend band camp in late July and additional rehearsals prior to the start of classes. Marching Band rehearses every day during class and during required weekly Wednesday night rehearsals from 6:00-9:00 p.m. during the football season. Attendance at all scheduled performances is required. Students in Marching Band are expected to continue to either Symphonic Band or Concert Band for the following two trimesters.

160

166

170

Prerequisite: Audition, Director Approval
Credit: 0.5 Length: 1 Trimester Grades: 9-12

History of Popular Music II: This course explores the history of popular music in the United States after 1965. Students will be expected to identify a variety of popular music styles within the historical context of the development, transformation, and interaction of each style. Related social, political, and cultural issues will also be considered.

Prerequisite: None

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

Color Guard: Color Guard members are selected by audition in the spring of the previous year. They perform with the Marching Band at all parades, football games, and festivals. The goal of the group is to accentuate the Marching Band performance and music by adding movement, dance, color, and manipulation of equipment. All members are required to attend band camp in late July and additional rehearsals throughout the summer & school year. Color Guard rehearses every day with the Marching Band during class, required weekly evening sectional, and during required weekly Wednesday night rehearsals from 6:00-9:00 p.m. during the football season. Attendance at all scheduled performances is required.

Prerequisite: Audition, Director Approval
Credit: 0.5 Length: 1 Trimester Grades: 9-12

Acoustic Guitar: This is a jump-start course for students wanting to learn how to play guitar, not for those that already play the instrument. Students will learn basic guitar techniques, chord notation, songs, strum patterns and rhythms. A workbook fee is required and students must have their own-acoustic guitar to participate.

Prerequisite: None

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

Concert Choir: Concert Choir is designed for students interested in learning proper singing techniques as well as the reading and performance of choral literature. A wide variety of styles and techniques are covered throughout the course. Performances (one at the end of each trimester) are a mandatory component of the course. Members are expected to be dedicated to accomplishing personal and group goals as well as learning proper rehearsal and performance etiquette.

Prerequisite: None

Credit: up to 1.5 Length: 1-3 Trimesters Grades: 9-12

Symphonic Band: Symphonic Band includes advanced musicians (typically in grades 11-12) 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 advanced symphonic band literature, and technical development of advanced instrumental music skills. Private lessons are encouraged. Attendance at all scheduled performances is required. Participation in District Solo and Ensemble events is encouraged.

Prerequisite: MarchingBand; Director Approval Credit: 1 Length: 2 Trimesters Grades: 10-12



150

142

145

MUSIC - CONTINUED

Chamber Singers: Chamber Singers is a year round audition-based mixed chamber choir for advanced students. This choir aims to continue and further the members' vocal/choral technique and music reading skills in a unique ensemble, providing a more intense musical experience. This is a small chamber ensemble, and therefore its members must be able to sing parts independently and accurately. A wide variety of styles and techniques are covered throughout the course. Multiple school performances, OMEA Large Group Contest, and OMEA Solo & Ensemble Contest are mandatory components of this course.

Prerequisite: Audition; Director Approval

Credit: 1.5 Length: 3 Trimesters Grades: 10-12

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 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

153

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

175

RODGERS + HAMMERSTEIN'S INDERELLA



385

PHYSICAL EDUCATION AND HEALTH

700	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. The class allows for students to experience positive, challenging and enjoyable physical activities. Prerequisite: None 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. Prerequisite: None Credit: 0.25 Length: 1 Trimesters Grade: 9-12
715	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 Composition Analysis, Sprint work, Plyometrics, Flexibility, and Agility training. Recommended for varsity sport off-seasons to prepare for your sport. Prerequisite: None 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. Prerequisite: None Credit: 0.25 Length: 1 Trimesters Grades: 10-12
720	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 to make positive lifestyle choices. IRC Embedded: CPR/First Aid (1 IRC) IRC Embedded: Stop The Bleed (1 IRC) Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 10		
	SORINGFIELD	BL	UE DEVILLA

SCIENCE

	CIENCE		
800	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	835	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
801	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	845	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 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.
	universe. Prerequisite: Teacher Recommendation Credit: 0.5 Length: 1 Trimester Grade: 9		Prerequisite: Biology; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grades: 11-12
802	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	850	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.
	B/A		Prerequisite: Biology; Teacher Recommendation Credit: 1 Length: 2 Trimesters Grade: 11-12
825	Biology: The pace of this course is not as fast as Biology Accelerated while still covering the same concepts. The class covers topics needed for passage of the Ohio State Test such as the differences between living and nonliving things, molecules necessary for life ecology, types of cells, photosynthesis, respiration, DNA structure and protein synthesis, cellular reproduction, genetics and evolution. Prerequisite: Teacher Recommendation	865	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.
	Credit: 1 Length: 2 Trimesters Grade: 10		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 practices. 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: 1.5 Length: 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 that must be completed over summer break.

Prerequisite: Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grade: 12

Principles of Biomedical Science: Principles of Biomedical Science (PBS) is the first class in a path of classes that are designed to prepare students for careers in biotechnology, medicine, or health-related fields. In PBS, "students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems."

Prerequisite: Teacher Recommendation;
There is an application process
for this course

Students receive Biology credit for this class.

Credit: 1.5 Length: 3 Trimesters Grades: 10

889

875

840

830

815

820

SCIENCE ELECTIVES

846

880

896

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

894

895

890

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 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

888

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

exploitation of Asia, Africa, and Latin America.

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

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

Credit: 1 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

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

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

Advanced Placement (AP) US History: AP United

States History is equivalent to a freshman/sophomore-level

Prerequisite: None

Exam is approximately \$95.00.

920

Credit: 1.5 Length: 3 Trimesters Grades: 10-12

910

SOCIAL STUDIES - CONTINUED

American Government: This course is required for graduation. It gives an overview of the U.S. governmental system beginning with a historical and theoretical basis for our system of government. The course considers the structure of our present system and closes with an emphasis upon those aspects of government with which students will have the greatest exposure such as voting, individual rights, and court procedures.

Prerequisite: None

925

930

Credit: 0.5 Length: 1 Trimester Grade: 11-12

Advanced Placement (AP) Government: AP United States Government and Politics is a rigorous, introductory college level course to U.S. government and politics. The course will not only allow students to learn about numerous attributes of the U.S. Constitution and the U.S. political system but also help students understand what it means to be informed citizens who are willing to defend and preserve the rights and liberties that create the foundation of the United States of America. This course will follow the guidelines established by the College Board's Advanced Placement program. Students will also be required to read college level material and analyze that material both in and out of class. This course is designed to prepare students to take the Advanced Placement Government and Politics Exam that is held each spring. Students are required to pay the fee required by the College Board to take the exam. Cost of the AP Exam is approximately \$95.00.

Prerequisite: Teacher Recommendation

939

Credit: 1 Length: 2 Trimesters Grade: 11

Economics: This course is required for graduation. It will provide a study of the structure of our capitalist economy and the causes and effects of current economic problems and issues in the United States and the world such as inflation, unemployment and the role of the government in economic affairs. The student is also given the chance to deal with economic problems that individuals will face on a personal level.

Prerequisite: None

Credit: 0.5 Length: 1 Trimester Grade: 12

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 Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 10-12	938	Advanced Placement (AP) Psychology: This is a 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. Cost of the AP Exam is approximately \$95.00. Prerequisite: Teacher Recommendation Credit: 1.5 Length: 3 Trimesters Grades: 11-12
935 A	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. Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 11-12	935 B	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. Prerequisite: None Credit: 0.5 Length: 1 Trimester 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.	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.
	Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 11-12	BL	Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 10-12
956	US Military Operations: This course will study the US military by passing away between 1939-1945, World War II had an extremely high dictators, the role of technology, the successes and mistakes of batter.	n casualty	y rate. This course examines the causality of wars, rise of
	Prerequisite: None Credit: 0.5 Length: 1 Trimester Grade: 11-12		

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	<mark>0</mark> .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 <mark>Specialist</mark>	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 Number Course Title		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 Ce <mark>r</mark> amics	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	$C_1\Lambda$	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	MILE	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		1 Trimester	9th-12th
Soc. Stud.	927	Debating Global Issues 1		2 Trimesters	10th-12th
Soc. Stud.	952	World Geography and Cultures	0.5	0.5 1 Trimester	
Ed. Opt.	360	Yearbook	1.5	3 Trimesters	10th-12th

Business/Hospitality Pathway Application Link: https://forms.gle/5uoCjA894NgdQdcu7

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 Cerami <mark>c</mark> s	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	19 Microsoft Excel		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 Com <mark>p</mark> uter Tech <mark>nolo</mark> gy	0.5	1 Trimester	10th-12th	
Business	254	Digital Media M <mark>ar</mark> keting	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 Liv <mark>i</mark> ng	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 Number	Course Title	Credits	Length	Grades
Mod. Lang.	400	French 1	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. <mark>5</mark>	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 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* -*(double block)	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.	935A	Psychology A	0.5	1 Trimester	11th-12th
Soc. Stud.	935B	Psychology B	0.5	1 Trimester	11th-12th
Soc. Stud.	940	Sociology	0.5	1 Trimester	11th-12th
Soc. Stud.	952	World Geography and Cul <mark>tur</mark> es	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/5uoCjA894NgdQdcu7



C4 - BUSINESS PATHWAY COURSE SEQUENCE

Business Pathway Application Link: https://forms.gle/5uoCjA894NgdQdcu7

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

NOTE: Course is REQUIRED for the Business Pathway

L1 - HOSPITALITY PATHWAY COURSE SEQUENCE

Hospitality Pathway Application Link: https://forms.gle/5uoCjA894NgdQdcu7

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 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
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

NOTE: Course is REQUIRED for the Hospitality Pathway

EDUCATIONAL OPTIONS

trimester.

Credit: 0

Prerequisite: Minimum cumulative GPA of 2.7 or

Length: 1-3 Trimesters

deficiencies

higher; No graduation requirement

Grade: 12

Teaching Professions: This one-year program is Yearbook: Do you want to help create a memory book? The years of attending Springfield High School go by quickly and designed to give qualified seniors a head start on a become a distant recollection. Help create a lasting impression successful career path to teaching. Students obtain focused of those years by joining Yearbook. This course is the creation class work and actual field experiences in a variety of educational settings in local school systems. This is a Penta and production of a product—the Yearbook. It requires outside work beyond the school day. Lifelong skills will be learned and Career Center satellite program. applied: sales, time management, professionalism, business Students are responsible for providing their own 360 1030 transportation to Perrysburg High School or Anthony Wayne communication, photography, and organization all while having fun. An application, a meeting, and an evaluation are part of the High School where the classes are offered. Teaching selection process to be in the course. Only those truly interested Professions is a Tech Prep program and offers students the and committed should apply. opportunity for college credit. **Prerequisite: None** Prerequisite: Minimum cumulative GPA of 2.75 or Credit: 1.5 **Length: 3 Trimesters** Grades: 10-12 higher; Minimal Absences **Length: 3 Trimesters** Credit: 3 Grade: 12 Senior Seminar - a.m.: Senior Seminar is intended to Student Aide: This provides eligible students the opportunity to serve as an aide for either a teacher or an office. Evaluation is provide 12th grade students an opportunity to pursue based on a Pass/Fail designation and is made by the supervising enrichment activities beyond the traditional high school teacher or staff member. This course does not affect the curriculum. Students are required to earn a minimum 7 hours of community service for each trimester they are student's GPA. Parental consent is mandatory. Participants must not have had a grade of F the previous trimester and must enrolled in and must be in good-standing with grades and maintain a minimum 2.5 cumulative GPA. Students with credits. Students will be allowed to start the school day suspensions (in or out of school) the previous trimester are not beginning with 2nd period. Evaluation is based on a Pass/Fail designation and is made by the student's eligible. 1040 1090 counselor. This course does not affect the student's GPA. Prerequisite: Minimum cumulative GPA of 2.5 or Parental consent is required. higher; No prior suspensions *Due to eligibility stipulations, students are not permitted to Credit: 0 Lenath: 1 Trimester Grades: 11-12 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 Length: 1-3 Trimesters Credit: 0 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 1091 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

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.org.

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 <u>academic core</u> 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.

