

# Watkins Memorial High School

2021-22

## Course Description Guide

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# INTRODUCTION

This curriculum guide has been developed to provide students and parents with the necessary information to select an appropriate high school schedule. Because the needs of each student are so varied, it may be necessary that you supplement this information by talking with teachers, counselors, or administrators. Our broad and varied curriculum offers many opportunities at Watkins Memorial High School, the Licking County Career and Technology Education Center, and various College Credit Plus partner schools. We want to work with students and parents to select the curriculum that best serves the needs of each individual student. Please do not let course fees determine which classes you select. If course fees are a hindrance to taking courses, do not hesitate to contact us. If you have any questions, call the Guidance Department at 740-927-4825 for assistance.

This document was created for the purpose of advanced scheduling and planning for students and school personnel without any guarantee of the availability of any particular course offerings. Any course offering contained in this document, not required by law, may be eliminated as a result of District financial constraints or limited registration.

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# Graduation Requirements

## Part 1: Credit Requirements:

Minimum Graduation Requirements					
	9th	10th	11th	12th	
English/Language Arts	x	x	x	x	4 credits
Math - must include 1 unit of Algebra 2	x	x	x	x	4 credits
Science - 1-life, 1-physical, and 1 advanced science	x	x	x		3 credits
Social Studies	x	x	x		3 credits
Health (8th grade)	x				½ credit
Physical Education (2 semesters of ¼ credit each)	x	x			½ credit
Fine Arts (any year)	x	x	x	x	1 credit
Electives	x	x	x	x	5 credits
<b>TOTAL CREDITS: 21</b>					

## Part 2: Testing Requirements:

Meet current testing requirements established by the Ohio Department of Education:

[www.education.ohio.gov](http://www.education.ohio.gov)

Minimum College Requirements					
	9th	10th	11th	12th	
English	x	x	x	x	4 credits
Math - including Algebra 1, Geometry & Algebra 2	x	x	x	x	4 credits
Science - including Biology and Chemistry	x	x	x	x	4 credits
Social Studies	x	x	x		3 credits
Foreign Language (2 or 3 years of the same language)	x	x	x	x	2 credits
Some colleges recommend, but do not require, 3 years of a foreign language. However, if a student plans to take only 2 years of a foreign language, these colleges advise students to take them during their 11th & 12th grades to improve their performance on placement tests.					
Fine/Performing Arts (art or music)	x	x	x	x	1 credit

## Presidential Award for Educational Excellence

President's Award for Educational Excellence will be made to graduating seniors who have met the following criteria:

- Attained an "A" average or equivalent, accumulated over grades 9, 10, 11, and first semester of grade 12. The "A" average is defined as equivalent to a 3.5 on a 4 point scale or a 90 on a 100-point scale.
- Received a score in the 11th or 12th grade, placing them at or above the 85th percentile in reading or math on any nationally recognized standardized college admissions examination, such as the SAT or the ACT.

## Licking County Career and Technology Education Center (C-Tec)

Before acceptance to C-Tec, each student should have passed: 2 units of English, 2 units of science (including one life and one physical), 2 units of mathematics, both World and American Studies. Additionally students must have completed all physical education and health requirements. Please go to <http://www.c-tec.edu/HS/index.php/admissions> for more information on the programs offered at C-Tec or come to the Guidance Office. All sophomore students will attend Sophomore Hands-On Day in early December to explore two different career programs. Students interested in attending C-Tec will be offered applications which are due mid-February. Students find out if they are accepted into C-Tec around Spring Break.

# Honors Diploma

(please note: students must meet all but one requirement to be eligible for any honors diploma)

Criteria	Academic Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma	Social Science/Civil Engagement Diploma
English	4 units	4 units	4 units	4 units	4 units
Math	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content <sup>2</sup>	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	4 units, including two units of advanced science <sup>1</sup>	4 units, including two units of advanced science <sup>1</sup>	5 units, including two units of advanced science <sup>1</sup>	3 units, including one unit of advanced science <sup>1</sup>	3 units, including one unit of advanced science <sup>1</sup>
Social Studies	4 units	4 units	3 units	3 units	5 units
World Languages	3 units of one world language, or no less than 2 units of two world languages studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of two world languages studied	3 units of world language, or no less than 2 units of two world languages studied	3 units of world language, or no less than 2 units of two world languages studied
Fine Arts	1 unit	N/A	1 unit	4 units	1 unit
Electives	N/A	4 units of career technical minimum <sup>6</sup>	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civic
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT	27 ACT/1280 SAT <sup>5</sup>	27 ACT/1280 SAT <sup>5</sup> WorkKeys - 6 Reading/6 Math <sup>7</sup>	27 ACT/1280 SAT <sup>5</sup>	27 ACT/1280 SAT <sup>5</sup>	27 ACT/1280 SAT <sup>5</sup>
Field Experience	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>3</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>3</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>3</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>3</sup>
Portfolio	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>4</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>4</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>4</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>4</sup>

## Extended Information for Honors Diploma Chart

<sup>1</sup> “Advanced science” refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

<sup>2</sup> The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

<sup>3</sup> Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

<sup>4</sup> The student portfolio is a collection of experiential learning and competencies based on the student’s field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus. Students’ work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students’ work is focused. The scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based <sup>on</sup> a collection of work related to the student’s honors diploma area of focus.

<sup>5</sup> These scores are based on the 2016 ACT and SAT assessments. ODE will publish a concordance document outlining equivalent scores for past and future tests that differ from the 2016 versions.

<sup>6</sup> Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to postsecondary credit.

<sup>7</sup> Students must score a minimum of a 6 on the Math WorkKeys Assessment and a minimum of 6 on the Reading WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

<sup>8</sup>These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website.

# Extra-Curricular Participation Eligibility Criteria

The Southwest Licking Local Board of Education recognizes that there is a need for academic requirements for participation in co-curricular activities.

**It is the student's responsibility to take the required number of credits each nine weeks to maintain eligibility. Before a student athlete changes his/her schedule, the student should confirm with his/her coach, the athletic director and counselor that a schedule change will not jeopardize eligibility.**

The regulations below establish those requirements for this school district:

1. In order to participate in an extracurricular activity, a student must be passing 5 one-half or full credit courses and maintain a minimum grade point average of 1.5 for the preceding nine weeks in order to maintain eligibility for the following grading period. Eligibility for the first nine weeks of the school year is based on the final nine weeks grades from the previous school year.
2. Students not meeting the minimum course and grade point requirements shall be declared ineligible at the end of the grading period. The student will be ineligible to participate in any extracurricular activity for the following grading period. Students who are enrolled in a co-curricular course (marching band) will be deemed ineligible for an extra-curricular portion of the course (performances at games, contests, etc.). If a student in marching band becomes ineligible after the first or fourth grading period, the course grade will be determined by in-class performance and assessment.
3. The establishment of passing or failing grades and grade point averages shall be on a cumulative basis from the beginning of the current grading period.
4. For eligibility purposes, summer school grades may not be used to substitute for failing grades received the final grading period of the regular school year or for lack of enough subjects taken the preceding grading period.

## School Counseling Department Website

Most information from the high school guidance office can be accessed on the guidance department website:

[www.swl.k12.oh.us/schools/wmhs/guidance.htm](http://www.swl.k12.oh.us/schools/wmhs/guidance.htm)



# Early Graduation

The following policies apply to students who intend to complete graduation requirements within three years.

1. The student must complete all requirements for graduation as established in the curriculum.
2. The student will not be allowed to participate in graduation ceremonies until all graduation requirements have been completed.
3. The student must complete the request for early graduation form by October 31st of his/her junior year. Forms may be obtained in the guidance office. Administrative decisions may be delayed pending receipt of first semester grades and state test scores. The student will not be allowed to participate in senior only activities until early graduation has been approved.
4. The student must meet all State testing requirements.

# Fees and Workbook Costs

Fees are charged in courses where students will be using expendable supplies for their individual benefit and to cover costs in some lab courses. Students will also be charged for the cost of workbooks.

# Honor Roll

The student honor roll requirement is a 3.0 or higher GPA with no “D’s” or “F’s” for a grading period. Students attaining the honor roll three out of four times in a year will be awarded an academic letter or bar.

# Flex Credit

To find out more information on Credit Flexibility see your guidance counselor or check the guidance website at [www.swl.k12.oh.us/schools/wmhs/guidance.htm](http://www.swl.k12.oh.us/schools/wmhs/guidance.htm)

# Physical Education Exemption

According to the Ohio Core and the Southwest Licking Local Schools Board Policy, students may be exempt from the Physical Education graduation requirements of two Physical Education classes if they participate in two seasons of a sport, marching band or cheerleading. However, students using this exemption will need to take an additional half credit elective. Students must complete and return the necessary paperwork to the guidance office to receive credit for physical education.

# College Credit Plus

A student participating in CCP may choose a variety of paths to earn college credit while still in high school. To be eligible, students must meet the admission standards of the participating college or university to which they apply for enrollment. Additionally, students/parents should attend the annual informational event held at the high school for more information regarding College Credit Plus.

Below is a sample course sequence which would allow a student to graduate from high school with up to 30 hours of college credit.

First Year (Junior Students)			
Autumn Semester		Spring Semester	
Statistics	3	Critical Thinking	3
Composition 1	3	Cultural Diversity	3
		Intro to Psychology	3
Total Semester Hours:	6	Total Semester Hours:	9
Second Year (Senior Students)			
Autumn Semester		Spring Semester	
Microeconomics	3	Intro to Sociology	3
Ethics	3	Public Speaking	3
Composition 2	3		
Total Semester Hours:	9	Total Semester Hours:	6

## Schedule Changes

Most schedule change requests can be accommodated before the end of the prior school year. After the end of the school year, a course may be changed if the change request is for one of the reasons below:

1. A senior needs to make a change to meet graduation requirements.
2. A teacher and student request a more appropriate level of a subject for the student.
3. A technical error was made in the schedule.
4. The course has been completed in summer school.
5. Prolonged illness where an excessive absence makes a normal load too heavy.
6. To balance classes. (Example: Two study halls 1st semester and none 2nd semester).
7. An IEP necessitates the change.
8. Drop a study hall to add a class if space is available.
9. Student wants removed from class with a grade of WF (Withdraw Fail).

Upon approval of the teacher, administrator, and a parent, a year-long or semester subject may be dropped prior to the end of the first nine weeks of school as long as dropping the class will not result in the student taking fewer than five eligible classes. If the subject is dropped after that time, the individual receives an "F" for a final grade. New courses may only be added within the first ten days of the year or semester. The principal may waive this requirement under special circumstances.

***Always check on your eligibility before doing anything to your schedule.***

## Academic Assistance

Course #	Course Title	Grade	Credit	Length	Fee
419	High School Reading Lab	9, 10	.50	S	
115	English Language Arts Workshop	11, 12	.50	S	
416	High School Math Lab	9, 10	.50	S	
417	Math Workshop	11, 12	.50	S	
499	Science Workshop	11, 12	.50	S	
540	Social Studies Workshop	11, 12	.50	S	
754	Peer Collaboration - <b>Application</b>	9, 10, 11, 12	1.00	Y	
848	Career and Employability Development	9, 10, 11, 12	1.00	Y	
1012	Academic and Career Prep	9, 10, 11, 12	1.00	Y	

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### High School Reading Lab

This course includes small group and individual instruction in developmental reading skills and vocabulary to help those students that are not reading at grade level. Students may take this course for up to 1.00 credit as an elective graduation credit. Students are placed by recommendation of administrators and teachers.

### English Language Arts Workshop

This course is for students who need more preparation for the End-Of-Course Exam in the subject area. Past test data will be analyzed to identify weaknesses and determine teacher instruction. This course is designed to provide instruction and practice toward successful completion of the Ohio Standards required for graduation. Students enrolled in this course will gain additional instruction to help them prepare for the End-Of-Course Exam in the subject area. Students are placed in this course by recommendation of administrators, counselors, and/or teachers. This course satisfies elective credit only. It may be repeated up to 0.50 credit per year.

### High School Math Lab

Students needing to work on basic math skills are placed in this course by recommendation of administrators, counselors, and/or teachers. This course includes small group and individual instruction in math skills to help those not performing at grade level. Students may take this course for up to 1.00 credit as an elective graduation credit.

### Math Workshop

This course is for students who need more preparation for the End-Of-Course Exam in the subject area. Past test data will be analyzed to identify weaknesses and determine teacher instruction. This course is designed to provide instruction and practice toward successful completion of the Ohio Standards required for graduation. Students enrolled in this course will gain additional instruction to help them prepare for the End-Of-Course Exam in the subject area. Students are placed in this course by recommendation of administrators, counselors, and/or teachers. This course satisfies elective credit only. It may be repeated up to 0.50 credit per year.

## Science Workshop

This course is for students who need more preparation for the End-Of-Course Exam in the subject area. Past test data will be analyzed to identify weaknesses and determine teacher instruction. This course is designed to provide instruction and practice toward successful completion of the Ohio Standards required for graduation. Students enrolled in this course will gain additional instruction to help them prepare for the End –Of-Course Exam in the subject area. Students are placed in this course by recommendation of administrators, counselors, and/or teachers. This course satisfies elective credit only. It may be repeated up to 0.50 credit per year.

## Social Studies Workshop

This course is for students who need more preparation for the End-Of-Course Exam in the subject area. Past test data will be analyzed to identify weaknesses and determine teacher instruction. This course is designed to provide instruction and practice toward successful completion of the Ohio Standards required for graduation. Students enrolled in this course will gain additional instruction to help them prepare for the End –Of-Course Exam in the subject area. Students are placed in this course by recommendation of administrators, counselors, and/or teachers. This course satisfies elective credit only. It may be repeated up to 0.50 credit per year.

## Peer Collaboration

The Peer Collaboration elective course provides a student with the opportunity to learn about diversity and acceptance. The peer collaborator will support students either in their classes or in the support center and assist them to succeed by helping them to complete class assignments and participate in class. Students will be required to participate in training sessions and document participation in the program through journaling. This course requires an additional application and limited space is available. Final placement determined with counselor/administrator approval.

## Career and Employability Development

Students will build the knowledge, skills, and self-confidence to be successful in the workplace through work and volunteer opportunities in the school and in the community. This course may be taken by permission of a school counselor and/or administrator only.

## Academic and Career Prep

This is a class that students may take to enable them to improve organizational skills, study habits, and academic performance. Students will be required to complete individualized assignments related to the skills listed above, as well as their own academic work. This course may be taken by permission of a school counselor and/or administrator only.

# Art

Course #	Course Title	Grade	Credit	Length	Fee
565	Art 2D/3D Studio	9, 10, 11, 12	.50	S	30.00
557	Digital Art & Design	9, 10, 11, 12	.50	S	30.00
585	Ceramics 1	9, 10, 11, 12	.50	S	35.00
588	Ceramics 2	9, 10, 11, 12	.50	S	35.00
551	Drawing 1	9, 10, 11, 12	.50	S	35.00
552	Drawing 2	9, 10, 11, 12	.50	S	35.00
553	Painting 1	9, 10, 11, 12	.50	S	35.00
554	Painting 2	9, 10, 11, 12	.50	S	35.00
562	Digital Painting	9, 10, 11, 12	.50	S	30.00
555	Sculpture 1	9, 10, 11, 12	.50	S	35.00
550	Sculpture 2	9, 10, 11, 12	.50	S	35.00
559	Advanced Art Studio	10, 11, 12	1.00	Y	70.00
556	Digital Photography 1	9, 10, 11, 12	.50	S	30.00
561	Digital Photography 2	9, 10, 11, 12	.50	S	30.00
560	Introduction to Digital Photography (CSCC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

## Art 2D/3D Studio

### Prerequisites: None

Students explore a variety of artistic processes and materials. Contemporary art history, careers in art, and art criticism emphasized.

## Digital Art & Design

### Prerequisites: None

Digital Art & Design is a course designed to foster creativity and self-expression using Adobe Photoshop. Students will have opportunities to work with a variety of digital images and graphics. Students will develop a deeper understanding of Photoshop as well as gain knowledge of artists and related topics including how art history, criticism, and aesthetics impact the world of art. The production and analysis of expressive and thoughtful artwork is the main objective of this course. Students are required to have a set of earphones or earbuds daily.

## Ceramics 1

### **Prerequisites: None**

Wheel-throwing on the potter's wheel, hand-building skills, kiln operations, clay and glazing mixing explored. Art history and art criticism are also emphasized.

## Ceramics 2

### **Prerequisites: Ceramics 1**

Students will further advance their skills in wheel-thrown techniques and complex hand-building methods. Advanced glazing and firing techniques explored. Art history and art criticism included. Course may be repeated for credit.

## Drawing 1

### **Prerequisites: None**

This course focuses on the study of observational and technical drawing. A variety of drawing media and techniques will be explored. Art history and art criticism is also emphasized. This course is a prerequisite for Drawing 2 & Advanced Art Studio.

## Drawing 2

### **Prerequisites: Drawing 1**

This course continues the skills learned in Drawing 1. Advanced techniques through a variety of materials will hone students' skills in drawing. This course will allow opportunities for personal expression in art-making. Art history and art criticism are also emphasized.

## Painting 1

### **Prerequisites: None**

This course focuses on the technical aspects of painting and provides the students with an opportunity to explore different painting media techniques. Art history and art criticism are also emphasized. This course is a prerequisite for Painting 2. It is recommended this course be taken before taking Advance Art Studio.

## Painting 2

### **Prerequisites: Painting 1**

This course continues the skills learned in Painting 1. Advanced techniques in several painting media will be stressed to increase student's skills. This course allows opportunities for personal expression in art-making. Art history and art criticism are also emphasized.

## Digital Painting

### **Prerequisites: None**

Digital Painting will provide the basic knowledge necessary of various digital painting software programs in conjunction with use of the Wacom tablet. Students will explore professional artists and copy their techniques for creating original digital artworks. Students are required to have a set of earphones or earbuds daily.

## Sculpture 1

**Prerequisites: None**

Students experiment with mixed media as they create 3-Dimensional works of art. Art history and art criticism are also emphasized.

## Sculpture 2

**Prerequisites: Sculpture 1**

Skills, techniques and materials from Sculpture 1 are further explored. Art history and art criticism included. Art history and art criticism are also emphasized. Course may be repeated for credit.

## Advanced Art Studio

**Prerequisites: Drawing 1 plus two more visual art classes**

This course is designed to build a portfolio of artworks that focus on both technical skills and the concept behind the artwork. Students will work in a variety of advanced media, study contemporary art history, and art criticism. If students are interested in planning a career or attending college in the arts, it is highly recommended that this course be taken during Junior Year. This class can be repeated for credit with teacher approval.

This course includes summer work that is due the first week of class.

## Digital Photography 1

**Prerequisites: None**

Students will be introduced to digital camera operation and editing techniques necessary for the production of photography as a fine art medium. Topics include camera and lens operation, exposure, composition, lighting, creativity and image editing software. Students will gain knowledge of photographers and related topics including how history, criticism, art and aesthetics impact the world of art. The production and analysis of expressive and thoughtful photography is the main objective of this course. Students are required to have a digital camera or cell phone with at least 12 megapixels.

## Digital Photography 2

**Prerequisites: Digital Photography 1**

This course is an intermediate continuation of digital photography I including: using a DSLR camera; advanced photo-editing techniques; lighting concepts; and presentation. Emphasis is on creative problem solving and mastering the basic photographic concepts used to create good visual communication. Requirements include outside-of-class shooting, as well as readings. In-class photo labs and critiques of work are a major part of this course. Students are required to have a set of earphones or earbuds daily. Students are required to have a digital camera or cell phone with at least 12 megapixels.

## Introduction to Digital Photography (College Credit Plus/Columbus State FOTO1140)

**Prerequisites: ACT score of 18 in English or 22 in Reading**

Students are required to supply their own digital camera and memory card. FOTO 1140 introduces students to the basic principles and applications of digital photography as a medium, a skill-set, and an integral part of today's digital literacy needs. Topics covered include capturing images using digital cameras while emphasizing the manipulation of camera controls, exposure, lighting, on-and-off camera flash, essential imaging tactics, digital workflow for photography, print, web and image storage and archival. Students are required to have a digital camera (point and shoot or DSLR).

## Business & Technology

Course #	Course Title	Grade	Credit	Length	Fee
605	Business Foundations	9, 10, 11, 12	1.00	Y	
614	Business Law	10, 11, 12	1.00	Y	
618	Strategic Entrepreneurship	10, 11, 12	1.00	Y	
615	Business Management	10, 11, 12	1.00	Y	
620	Web Design	9, 10, 11, 12	1.00	Y	
612	Programming	9, 10, 11, 12	1.00	Y	
625	Video Game Design	10, 11, 12	1.00	Y	
613	Physical Computing	9, 10, 11, 12	.50	S	
630	Computer Science Discoveries	9, 10, 11, 12	.50	S	
623	AP Computer Science A 5.0 grading scale	10, 11, 12	1.00	Y	87.00 AP Exam Fee
622	AP Computer Science Principles 5.0 grading scale	10, 11, 12	1.00	Y	87.00 AP Exam Fee

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### Business Foundations

Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership, communications and personal financial literacy will be addressed.

### Business Law

Students will examine all aspects of business law including the judicial system, differences between types of laws and origins of laws, administrative and employment laws and laws impacting individuals as well as businesses. Students will also research real estate and debtor and creditor laws and regulations. Students will learn to support attorneys by conducting legal research and preparing fully-compliant legal documents. Compliance and contract law will be emphasized. This course is offered in school years beginning with an odd numbered year, i.e. 2021-2022.



## Strategic Entrepreneurship

Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized. This course is offered in school years beginning with an even numbered year, i.e. 2022-2023.

## Business Management

This is the first course specific to the Business and Administrative Services career field. It introduces students to the specializations offered in Business and Administrative Services. Students will obtain fundamental knowledge and skills in general management, human resource management, operations management, business informatics and office management. They will acquire knowledge of business operations, business relationships, resource management, process management and financial principles. Students will use technological tools and applications to develop business insights.

## Web Design

Students will learn the dynamics of the Web environment while pursuing an in-depth study of Hypertext Markup Language (HTML), Cascading Style Sheets (CSS) and Bootstrap. Students will create responsive websites with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables.

## Programming

**Prerequisite: Must have algebra I or be concurrently enrolled**

In this course, students will learn the basics of building simple interactive applications using JavaScript programming language. Students will learn the basic units of logic: sequence, selection, and loop. Students will gain experience and apply algorithmic solutions to problem-domain scenarios.

## Video Game Design

**Prerequisite: Must have completed Programming or an AP Computer Science class**

The Video Game Design course is an advanced, rigorous course designed for those familiar with JavaScript. Students will combine many concepts of computer science to build several of their own games. Students will learn how to code and finish the course having created text-based and graphical games. This course is offered in school years beginning with an even numbered year, i.e. 2022-2023.

## Physical Computing

Students are introduced to combining software and hardware to design/create/build physical interactive systems that use different kinds of software and hardware. These systems sense and respond to an external stimuli – which could be a program, a problem statement, a need, or an issue. Students will learn using micro:bits, Codebots, or other physical devices. This course is offered in school years beginning with an odd numbered year, i.e. 2021-2022.

## Computer Science Discoveries

This course is an introductory computer science course which is recommended before you enroll in other computer science courses. You will be inspired to build your own website, apps, games, and physical computing devices. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Computer science is a medium for creativity, communication, problem solving, and fun.

## AP Computer Science A

**Prerequisites: AP Computer Science Principles or Programming course**

This course is an advanced programming course that builds on fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for development solutions that can scale up from small, simple problems to large, complex problems. **Taking the AP Computer Science A Exam is a requirement of the class.**

## AP Computer Science Principles

**Prerequisites: Successful completion of Algebra 1**

AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing. **Taking the AP Computer Science Principles Exam is a requirement of the class.**

## Engineering & Science Technology

Course #	Course Title	Grade	Credit	Length	Fee
345	Engineering Principles	9, 10, 11, 12	1.00	Y	25.00
350	Machine Tools	9, 10, 11, 12	1.00	Y	25.00
340	Engineering Design	9, 10, 11, 12	1.00	Y	25.00
355	Robotics	9, 10, 11, 12	1.00	Y	25.00

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### Engineering Principles

This is a yearlong course in which students will be introduced to fundamental engineering concepts and scientific principles associated with engineering design applications. Topics include mechanisms, energy, statics, materials, and kinematics. Additionally students will learn material properties and electrical, control and fluid power systems. Students will learn to apply problem solving, research and design skills to create solutions to engineering challenges.

### Machine Tools

**Prerequisite: Pre-Engineering (from MS or HS), Engineering Design or Engineering Principles**

This is a yearlong course that introduces students to all aspects of machining applications in manufacturing. They will be able to perform routine calculations, interpret basic drawings, begin the process of performing accurate measurements and be able to plan simple machining processes. Students will learn the fundamental principles and practices of cutting, drilling, and grinding using modern machine tools, hand tools, and precision measuring instruments.

### Engineering Design

The focus of Engineering Design is the application of the engineering design process. Topics include work-processes, optimization methods, design optimization, and risk management tools. Students will use 2D and 3D modeling software to help them design solutions to solve proposed problems, document their work, and communicate solutions. Additionally, students will interpret industry prints, and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems.

### Robotics

Students will apply the knowledge and skills necessary to program and operate Robots, using the teach pendant as the main interface point. The Students will learn robotic operations and system configurations. Students will code, compile, and debug programs using the robotic programming language.

# English

Course #	Course Title	Grade	Credit	Length	Fee
101	English Language Arts I	9	1.00	Y	30.00
101H	Honors English Language Arts I 4.3 grading scale	9	1.00	Y	30.00
102	English Language Arts II	10	1.00	Y	30.00
102H	Honors English Language Arts II 4.3 grading scale	10	1.00	Y	35.00
103	English Language Arts III	11	1.00	Y	30.00
106A	English Composition 1 (COTC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
106B	English Composition 2 (COTC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
109	AP Literature & Composition 5.0 grading scale	12	1.00	Y	30.00 and 87.00 AP Exam Fee
108	AP Language & Composition 5.0 grading scale	11, 12	1.00	Y	30.00 and 87.00 AP Exam Fee
104	English Language Arts IV	12	1.00	Y	30.00
107A	US Literature 1 (COTC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
107B	US Literature 2 (COTC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
105A	British Literature 1 (COTC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
105B	British Literature 2 (COYC) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	

**Elective Credits Taught by the English Department**  
 \*\*\* will only be offered if the minimum enrollment is met

Course #	Course Title	Grade	Credit	Length	Fee
186	Journalism	9, 10, 11, 12	.50	S	
113	Mythology	9, 10, 11, 12	.50	S	10.00 The Essential Iliad
136	Theatre Literature	9, 10, 11, 12	.50	S	15.00 for scripts
137	Speech and Debate	10, 11, 12	.50	S	
370	Yearbook	10, 11, 12	1.00	Y	
135	Action and Adventure	9, 10, 11, 12	.50	S	25.00

## English Language Arts I

ELA I students will analyze World Literature and produce formal and informal written works. Literature study covers short stories, novels, informational texts, poetry, and drama. Although there is some creative writing, the main focus is on the writing skills needed for college and career readiness.

## Honors English Language Arts I

**Recommendation: Successful completion of previous ELA class, teacher recommendation, and validation of assessment data by Administration.**

Honors ELA I is a course designed to prepare students for the academic rigors of the Advanced Placement courses. This course is an intensive introduction to the rhetorical analysis of World Literature. In this course, students will read and analyze a variety of literary texts above grade level independently. The emphasis will be on interpreting texts, literally and figuratively, in order to better understand literary technique and style. This course will also require a summer assignment involving an Advanced Placement approved novel.

## English Language Arts II

ELA II students will study works from American Literature, developing and strengthening interpretive, critical thinking, and analytical skills. Students will analyze literature and produce formal and informal written works.

## Honors English Language Arts II

**Recommendation: Successful completion of previous ELA class, teacher recommendation, and validation of assessment data by Administration.**

Honors ELA II is a course designed to prepare students for the academic rigors of the Advanced Placement courses. This course is an intensive introduction to American Literature and writing. In this course, students will read and analyze a variety of literary texts above grade level independently. The emphasis will be on interpreting texts, literally and figuratively, in order to better understand literary technique and style. This course will also require a summer assignment involving an Advanced Placement approved novel.

## English Language Arts III

ELA III students will analyze nonfiction and fiction pieces and produce formal and informal written works. Areas of language structure, meaning construction, application, practical context writing, and preparation for college and careers will be addressed.

## English Composition 1 & 2 (College Credit Plus/COTC)

**Prerequisite: ACT score of English 18 and Reading 22 or ACCUPlacer placement**

This yearlong course is a beginning composition course that develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise expository essays. The course facilitates an awareness of the interplay among purpose, audience, content, structure, and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized.

## AP Literature and Composition

**Recommendation: Successful completion of previous ELA class, teacher recommendation, and validation of assessment data by Administration.**

AP Literature and Composition is a college-level course designed for highly motivated college-bound students of above-average ability interested in reading, analyzing and writing about literature. This course will include the study of representative works from various genres and periods - primarily from the sixteenth to the twentieth centuries concentrating on works of literary merit. Careful attention will be paid to the interpretation and evaluation of literature. Frequent writing assignments will focus on the critical analysis of literature and include expository as well as analytical essays. Summer and outside reading will be required in this course. This course will also require a summer assignment involving Advanced Placement approved novels. **Taking the AP Literature and Composition Exam is a requirement of the class.**

## AP Language and Composition

**Recommendation: Successful completion of previous ELA class, teacher recommendation, and validation of assessment data by Administration.**

AP Language and Composition is designed for college-bound students of above-average ability and command of composition and reading skills. This course emphasizes exposure to a large amount of expository literature in a variety of modes. The works will be examined in depth with intensive class discussion and frequent written responses. A large variety of writing assignments and projects will follow analysis of prose from many fields. This course will also require a summer assignment involving Advanced Placement approved novels. **Taking the AP Language and Composition Exam is a requirement of the class.**

## English Language Arts IV

ELA IV students will read, write, and present in preparation for college and careers. Students will develop and reinforce skills necessary for success after high school.

## US Literature 1 & 2 (College Credit Plus/COTC)

**Prerequisite: Earned grade of a “C” or better in English Composition 1 & 2 (College Credit Plus)**

This yearlong course will examine the works of major writers in U.S. literature from the pre-colonial period to the present with attention to revision of the canon. Genres include essays, short fiction, drama, poetry and the novel. This course will consider works from literary, social, historical, and philosophical perspectives. Course activities include reading, class discussion and writing assignments.

## British Literature 1 & 2 (College Credit Plus/COTC)

**Prerequisite: ENGL 1100 with a minimum grade of “B” or ENGL 2367 with a minimum grade of “C”**

This year-long course is a survey of canonical British literature works written before 1789. Students will also study selected master works of 19th and 20th century British Literature. The course activities include readings, class discussions and writing assignments.

## Journalism - Elective Credit

This course is open to any student interested in the communication field with an emphasis on writing. This course covers the history of journalism, ethics and the responsibility of the press, mass media, news, editorial, and feature writing. Students will use teacher handouts, daily newspapers, news magazines, and internet news websites as they will also produce essays and research assignments for this class.

## Mythology - Elective Credit

This course covers ancient Greek mythology from Aphrodite to Zeus as well as Roman, Norse, early English and Celtic, and Native American tales and legends. Students will explore characters, beliefs, and themes that have influenced not only our literature and language, but also the way we see the world.

## Theatre Literature - Elective Credit

This one semester, half credit, survey theatre course will address the cultural, historical, and literary aspects of plays, and other theatrical works. Students will develop an appreciation of all aspects of play production, including but not limited to: character development, line interpretation, body language, stage movement/blocking, voice and diction, dramatic literature analysis, technical terms and components of theatre, basic script writing, and the influences of culture and historical context to a dramatic work.

## Speech & Debate - Elective Credit

Speech is a course which focuses on the Common Core Standards for speaking and standards. Study will focus on collaborative discussions, research skills, and the ability to express one's ideas clearly and persuasively. Students will conduct a variety of formal and informal speeches, discussions, and presentations. Students will use a variety of digital media and develop the skills needed to work in groups effectively.

## Yearbook - Elective Credit

### **Prerequisite: By selective application process**

Students interested in working as members of the Wahigan Yearbook staff need to take this course. The course is open to 10th, 11th and 12th graders with an interest in journalism, photojournalism, writing, or production layout work by being selected from an application process. The course includes ad layout, ad sales and sales technique, making the guide to the publication, photography, and staff organization.

## Action and Adventure - Elective Credit

This course is designed to attract students interested in texts that feature action and adventure in the form of fiction and nonfiction. The readings in this course intertwine the nonfiction of mountain climbers and adrenaline junkies' real-life adventures with the fictional portrayal of active and sometimes aggressive characters. Some documentaries and films will also be included to further examine the human attraction to action and adventure. Pieces examined will include a combination of: Seven Summits by Dick Bass; The Tragedy of Hamlet by William Shakespeare; Rush for the Gold by John Feinstein; Going After Cacciato by Tim O'Brien; The Firm by John Grisham; and miscellaneous short stories by Jack London, Wilfred Owen, and others. Course grades will be based on journals, class discussions, quizzes on symbolism and human reactions, and response papers about the pieces.

## English for Academic Purposes

This English to Speakers of Other Languages (ESOL) course is designed for students whose proficiency level is between emerging and near-proficient as measured by the ELP Assessments, i.e. Readtheory, MyLexia PowerUp and Ohio English Language Proficiency Assessment (OELPA). This course will focus on word study, grammar, and comprehension of fiction and non-fiction texts. This course assists in developing critical thinking, reading and writing skills in conjunction with students mainstreaming ELA classrooms. Additionally, this course supports students who have exited the ELL program according to OELPA test results but continue to struggle with speaking, reading, and writing in English.

## EL Content Area Support

This English Language Development (ELD) Language Arts course is designed for students whose proficiency is below proficient as measured by ELP Assessments, i.e. Readtheory & MyLexia PowerUp. This course also serves ELL students who have exited the ELL program but continue to struggle academically within their content area and elective courses. This class will enable students to improve organizational skills, study habits, and academic performance across core and elective subjects.



## Family & Consumer Science

Course #	Course Title	Grade	Credit	Length	Fee
251	International Foods	9, 10, 11, 12	.50	S	25.00
253	Pastry Arts	9, 10, 11, 12	.50	S	30.00

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### International Foods

Take a tour around the world! This course focuses on understanding a variety of cultures and exploring the cuisine of each. We will explore the culture, religion, pastime activities and many other aspects of each country we study. We will then apply what we have learned about them into the food we will make. Get your passport and take a trip with us in International Foods.

### Pastry Arts

This course provides students the opportunity to develop the skills and knowledge needed for employment in the baking and pastry field. Students will learn about safety and sanitation in the kitchen as well as principles of baking and entrepreneurship. Students will have the opportunity to apply their skills by completing projects and food lab assignments with cakes and icings, pies and pastries, cookies, quick and yeast breads, custards and mousses.

## Foreign Language

Course #	Course Title	Grade	Credit	Length	Fee
211	German 1	9, 10, 11, 12	1.00	Y	
222	German 2	10, 11, 12	1.00	Y	
233	German 3	11, 12	1.00	Y	
244	German 4	12	1.00	Y	
201	Spanish 1	9, 10, 11, 12	1.00	Y	
202	Spanish 2	9, 10, 11, 12	1.00	Y	
203	Spanish 3	10, 11, 12	1.00	Y	
204	Spanish 4	11, 12	1.00	Y	\$49.95 workbook/online access
205	Spanish 5	12	1.00	Y	

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

*Foreign language courses are not required for graduation from high school. They are all college preparatory courses. At least two years of the same language are required for most colleges. To move from one level of foreign language to the next, a grade of "C" or higher is recommended.*

### German 1

**Recommendation: A "C" or better grade in the previous year's English class**

The following aspects of the language will be studied: speaking, listening comprehension, reading, writing. The culture of German speaking countries will also be studied.

### German 2

**Prerequisites: Completion of German 1 with a "C" or better grade is recommended**

As a continuation of German 1, students will be practicing and learning speaking, listening comprehension, reading, writing in German as well as the culture of German speaking countries. This year, a greater emphasis will be placed on speaking and advanced grammatical structures. Fluency of the language will be stressed and some of the instruction will take place in German.

### German 3

**Prerequisites: Completion of German 2 with a "C" or better grade is recommended**

As a continuation of German 1 & 2, students will be practicing and learning speaking, listening comprehension, reading, writing and the culture of German speaking countries. A greater emphasis will be placed on literature, reading comprehension, writing skills and advanced grammatical structures. Fluency of the language will be stressed and much of the instruction will take place in German.

## German 4

**Prerequisites: Completion of German 3 with a “C” or better grade is recommended**

As a continuation of German 1, 2 & 3, students will be practicing and learning speaking, listening comprehension, reading, writing and the culture of German speaking countries. A greater emphasis will be placed on literature with an introduction to German history. Fluency of the language will be stressed and the majority of the instruction will take place in German.

## Spanish 1

**Prerequisite: A “C” or better grade in the previous year’s English class**

The following aspects of the foreign language will be studied with an emphasis on spoken language: pronunciation, grammar, usage, writing, reading, listening to authentic situations via tapes and video, speaking, and cultural activities.

## Spanish 2

**Prerequisites: Completion of Spanish 1 with a “C” or better grade is recommended**

Spanish 2 is a continuation of Spanish 1, with emphasis on the performance skills of speaking, listening, reading and writing. Students are expected to use Spanish more. Fluency of the language will be stressed.

## Spanish 3

**Prerequisites: Completion of Spanish 2 with a “C” or better grade is recommended**

Spanish 3 focuses on developing fluency in reading and writing through an in-depth study in grammar. Strong speaking and listening comprehension skills are recommended and will continue to be developed, as much of the instructions are in Spanish.

## Spanish 4

**Prerequisites: Completion of Spanish 3 with a “C” or better grade is recommended**

Spanish 4 is a rigorous course taught using the AP Spanish Language curriculum, although the course is NOT for a weighted grade or college credit. The course focuses on improving all skills of communication in a foreign language: interpersonal and presentational speaking, listening, reading, and writing. Students have the option of taking the AP Spanish exam for an additional cost of \$87.00 at the end of the course; however, it is not a requirement.

## Spanish 5

**Prerequisite: Completion of Spanish 4 with a “C” or better grade is recommended**

Spanish 5 is a rigorous course taught using the AP Spanish Language curriculum, although the course is NOT for a weighted grade or college credit. The course focuses on improving all skills of communication in a foreign language: interpersonal and presentational speaking, listening, reading, and writing. Students have the option of taking the AP Spanish exam for an additional cost of \$87.00 at the end of the course; however, it is not a requirement.

# Math

Course #	Course Title	Grade	Credit	Length	Fee
405	Algebra 1	9, 10, 11	1.00	Y	
415	Geometry	9, 10, 11	1.00	Y	
415H	Honors Geometry 4.3 grading scale	9, 10	1.00	Y	3.00
406	Algebra 2	9, 10, 11, 12	1.00	Y	5.00
406H	Honors Algebra 2 4.3 grading scale	9, 10, 11	1.00	Y	
404	Introduction to Statistics	11, 12	1.00	Y	
400	Precalculus	11, 12	1.00	Y	
400H	Honors Precalculus 4.3 grading scale	10, 11, 12	1.00	Y	
407	Calculus	11, 12	1.00	Y	
422	AP Calculus AB AB 5.0 grading scale	11, 12	1.00	Y	87.00 AP Exam Fee
412	AP Statistics 5.0 grading scale	11, 12	1.00	Y	20.00 and 87.00 AP Exam Fee

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

## Algebra 1

Algebra 1 is an introduction to the fundamentals of algebra. Students will apply the concepts learned in this class to other mathematics courses throughout high school. Topics include solving equations, graphing linear equations, slope, properties of exponents and solving systems of equations. **A scientific calculator is required.**

## Geometry

### Prerequisite: Algebra 1

Geometry is a course that studies the world around us by studying geometric shapes and their properties. Most of the figures studied are plane figures (two-dimensional) like right triangles, circles and polygons. The course also builds a vocabulary that is used in the development of the properties of these figures. The properties studied are used to help solve real world problems that are applications of geometry. There is some study of solid geometry (three-dimensional) included in the course.

## Honors Geometry

**Recommendation: Successful completion of Algebra 1 and/or recommendation of Algebra 1, and validation of assessment data by Administration.**

Honors Geometry is recommended for students who have earned a grade of "A-" or higher in Algebra 1 and have the self-motivation to participate in a course that is accelerated in both scope and pace. Geometry is a topic that explores the world around us by studying angles, shapes and their properties. The course builds an extensive vocabulary that is used to understand the theorems and postulates of plane geometry. Both paragraph and two-column proofs are used to test the validity of conjectures about geometric properties and relationships.

## Algebra 2

This course is designed to enhance and further develop the mathematical topic from Algebra 1. Topics include problem solving, real and complex number systems, exponents, data analysis, probability, and right triangle trigonometry.

**Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire).**

## Honors Algebra 2

**Recommendation: Successful completion of previous math class and/or teacher recommendation and validation of assessment data by Administration.**

This course is designed for the academically driven student that has a sincere interest in taking AP calculus. This course is an extension of CP Algebra 2 concepts and moves at an accelerated pace. **Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire).**

## Introduction to Statistics

**Prerequisites: Algebra 1, Geometry, and Algebra 2**

This course is intended for juniors and seniors who have completed Algebra 2. The statistics portion of the course provides an elementary introduction to probability and statistics with applications. Topics include: basic probability models; combinations and permutations; random variables; discrete and continuous probability distributions; statistical estimation and testing; and confidence intervals. In the financial portion of the class we will explore topics such as the stock market, business models, banking services, consumer credit, automobile ownership, taxes, independent living, retirement and preparing a budget. This course will NOT prepare students for the AP Statistics Exam. Students who have passed AP Statistics are not permitted to take this course. Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire is strongly recommended).

## Precalculus

**Prerequisites: Successful completion of previous math class, teacher recommendation, and validation of assessment data by Administration.**

Precalculus is a course for the college-bound student who will have to take some calculus as part of his/her college curriculum or who plans a math, science, or business-related career. This course should be taken by the math student who has shown an aptitude and desire for increased knowledge in math. The course focuses on expanding previous topics studied in Algebra II and Geometry, with the emphasis on preparing students to take Calculus. This is an advanced course and requires the student to have a college-like attitude toward the subject matter and his/her work. **Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire).**

## Honors Precalculus

**Recommendation: Successful completion of previous math class, teacher recommendation, and validation of assessment data by Administration.**

Honors Precalculus is for juniors who have earned a grade of "B" or higher in each of the following courses: Algebra I in the 8th grade, Honors Geometry in the 9th grade and Honors Algebra 2 in the 10th grade. Students should also have the self-motivation to participate in a course that is accelerated in both scope and pace. This course is designed for the college-bound student who may have to take a calculus level series of courses in his/her college curriculum. Honors Precalculus focuses on expanding previous topics studied in Honors Algebra II and Honors Geometry, with the emphasis on preparing students to take Calculus. A number of topics from Honors Precalculus will challenge and prepare students for the rigors of a college level math course. **Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire).**

## Calculus

### **Prerequisite: Precalculus**

This course is intended for students who completed Precalculus but do not intend to take the AP Calculus exam, or for those students who had difficulty with the pace and content of Precalculus but would like the opportunity to study the concepts of Calculus. Topics will include a review of Precalculus mathematics in the areas of trigonometry, logarithms, exponentials, function theory, and equations. Calculus topics include limits, differentiation, and integration. **Graphing calculator is required (Texas Instrument 83+ or-84+).**

## AP Calculus AB

### **Prerequisite: Successful completion of previous math class, teacher recommendation, and validation of assessment data by Administration.**

This course will be taught at a college level and the material covered will be equivalent to that of a first semester college calculus class. Taking this course does not guarantee the student of advanced placement or college credit but will definitely prepare them for college calculus. This course may not be taken as an audit. **Taking the AP Calculus AB exam is a requirement of the class. Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire).**

## AP Statistics

### **Prerequisites: Algebra 2**

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- Exploring Data: Describing patterns and departures from patterns.
- Sampling and Experimentation: Planning and conducting a study.
- Anticipating Patterns: Exploring random phenomena using probability and simulation.
- Statistical Inference: Estimating population parameters and testing hypotheses.

Students who successfully complete the course, and examination, may receive credit and/or advanced placement for a one-semester introductory college statistics course. It is required that each student have a TI-83, TI-84 or N-SPIRE calculator. **Taking the AP Statistics exam is a requirement of the class. Graphing calculator is required (Texas Instrument 83, 84 or TI-nspire).**

## Music

Course #	Course Title	Grade	Credit	Length	Fee
726	Women's Chorus	9, 10, 11, 12	1.00	Y	5.00
727	Men's Chorus	9, 10, 11, 12	1.00	Y	5.00
721	Chorale - Audition Required	10, 11, 12	1.00	Y	5.00
725	Vocal Ensemble - Audition Required	10, 11, 12	1.00	Y	5.00
702	Symphonic Band	9, 10, 11, 12	1.00	Y	8.00
705	Jazz Ensemble	9, 10, 11, 12	1.00	Y	
706	Wind Symphony	9, 10, 11, 12	1.00	Y	8.00
707	String Orchestra	9, 10, 11, 12	1.00	Y	
708	Concert Orchestra	9, 10, 11, 12	1.00	Y	

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### Women's Chorus

Women's chorus is a beginning to intermediate level choir for all women. This choir is designed to develop and train women's voices by teaching breath support, tone quality, sight-reading, basic music theory, and performance practices. Students will sing musical repertoire in at least three parts. All women taking the course will be required to perform in one concert per quarter. There may be additional performance opportunities presented to students throughout the year, including OMEA state contests and Solo and Ensemble.

### Men's Chorus

Men's chorus is a beginning to intermediate level choir for all men. This choir is designed to develop and train men's voices by teaching breath support, tone quality, sight-reading, basic music theory, and performance practices. Students will sing musical repertoire in two or three parts. All men taking the course will be required to perform in one concert per quarter. There may be additional performance opportunities presented to students' throughout the year, including OMEA state contest and Solo and Ensemble.

### Chorale

Chorale is an auditioned, intermediate to advanced level course for the highly-trained female singer. This choir is designed to push the advanced female singer to sing difficult 3-6 part musical repertoire. Students will focus on intermediate to advanced sight-reading techniques, and intermediate music theory concepts, while reinforcing excellent vocal techniques such as breath support, tone quality, and vowel formation. Students will be required to perform in one concert per quarter. Students in this course will also perform at OMEA state contests, and be encouraged to sing at Solo and Ensemble.

### Vocal Ensemble

Vocal Ensemble is an auditioned, advanced level course for the highly-trained singer. This choir is designed to push the most advanced students to sing difficult 4-8 part musical repertoire from various classical music time periods. Students

will focus on advanced sight-reading techniques, and intermediate music theory concepts, while reinforcing excellent vocal techniques such as breath support, tone quality, and vowel formation. Students will be required to perform in one concert per quarter. Students in this course will also perform at OMEA state contest, and be encouraged to sing at Solo and Ensemble.

## Symphonic Band

Symphonic Band is open to all wind and percussion players who have successfully completed a middle school band curriculum (or by special permission of the instructor). The Symphonic Band will perform at concerts, contests, and community functions. These events are required and expected as part of enrollment in the course. This class will stress the basics of instrumental technique and musicianship through the performance of standard and contemporary concert band repertoire. The class may be split into two or more ensembles based on the director's discretion. Students enrolling in this course will be expected to abide by the policies contained in the board-approved band handbook. Membership in Symphonic Band is required of all students who wish to be in marching band, except for auxiliary or with special permission from the director.

## Jazz Ensemble

Jazz Ensemble offers the student a chance to experience jazz and jazz rock from the 20's to the present. Students will learn about and perform a variety of jazz styles, and will be introduced to key concepts of jazz, including solo improvisation. The ensemble includes alto sax, tenor sax, baritone sax, trumpets, trombones, bass, guitar, keyboard and drums. The jazz ensemble will perform at concerts, festivals, and community functions outside of the school day. These events are required and expected as part of enrollment in the course.

Students enrolling in Jazz Ensemble are expected to also be enrolled in Symphonic Band or Wind Symphony. Exceptions may be made for rhythm section members who do not play standard band instruments. An audition may be required prior to enrollment in this course based on interest levels and instrumentation. This is at the discretion of the director.

**(STUDENTS WISHING TO PLAY THE BASS, GUITAR, DRUMS, AND KEYBOARD MUST SEE THE INSTRUCTOR BEFORE SIGNING UP).**

## Wind Symphony

Wind Symphony is an advanced concert band open to wind and percussion instrument players by audition or by special permission of the instructor. The Wind Symphony will perform at concerts, contests, and community functions. These events are required and expected as part of enrollment in the course. The class will stress instrumental technique and musicianship through the performance of standard and contemporary concert band repertoire. Students enrolling in this course will be expected to abide by the policies contained in the board-approved band handbook. Membership in Wind Symphony is required of all students who wish to be in marching band, except for auxiliary or with special permission from the director.

## String Orchestra

This course is open to all students who wish to play the violin, viola, cello, or string bass. This class will focus on furthering basic instrumental technique and musicianship with an emphasis on both individual and group performance skills. Concerts and performances will be scheduled periodically throughout the school year. These events are mandatory and are an integral part of the course curriculum.

## Concert Orchestra

**Prerequisite: By audition or by special permission of the instructor**

This course is an advanced ensemble open to string players by audition or by special permission of the instructor. This class will study more challenging repertoire, allowing students to advance individual and group ensemble skills while performing music at a higher technical and musical level. Concerts and performances will be scheduled periodically throughout the school year. These events are mandatory and are an integral part of the course curriculum.



## Physical Education & Health

Course #	Course Title	Grade	Credit	Length	Fee
752	Lifetime Fitness & Wellness	9, 10, 11, 12	.25	S	
753	Female Fitness	9, 10, 11, 12	.25	S	
755	Weightlifting & Conditioning	9, 10, 11, 12	.25	S	3.00
770	Team Sports	9, 10, 11, 12	.25	S	3.00
766	Fundamentals of Coaching	9, 10, 11, 12	.50	S	
760	Health	9, 10, 11, 12	.50	S	3.00

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### Lifetime Fitness & Wellness

This course is designed to apply the basic concepts and principles of lifetime physical fitness and other health-related factors. Emphasis is placed on wellness through the study of nutrition, weight control, stress management, exercise and fitness. Upon completion, students should be able to plan a personal, lifelong fitness program based on individual needs, abilities, and interests. This course includes activities such as walking, jogging, tennis, disc golf and other indoor and outdoor activities. Students are required to dress in appropriate clothes to be physically active daily.

### Female Fitness

Female fitness course is designed to provide females with the knowledge, skills and attitudes that will teach them to be engaged in fitness training activities now and for lifelong fitness. In this course, students will take pre and post fitness tests which will help them set individual fitness goals throughout the course. Activities for this course may include walking, yoga, jogging, muscular strength training, Pilates, and other lifetime activities. Students are required to dress in appropriate clothing and participate in physical activities daily.

### Weightlifting & Conditioning

This course is designed to develop a student's physical fitness beyond the level stressed in physical education. The class is an aid to the student-athlete.

### Team Sports

This course is offered to students who have a strong interest and appreciation of team sports. There is a strong emphasis on active participation, teamwork, sportsmanship, and respect for others. Units such as soccer, football, softball, ultimate Frisbee, volleyball, basketball, and floor hockey will be covered. Students need to be aware that this is a highly competitive course for individuals of all skill levels and should have the expectation for strong participation in games, tournaments and contests.

## Fundamentals of Coaching

The Fundamentals of Coaching is a class that is designed to develop students who are interested in Coaching. The course will challenge the students to define and develop the basic type of coaches. We will talk about principles of coaching, behavior, teaching, physical training and team management. This course does not fulfill the physical education requirement.

## Health

This course is designed to provide knowledge that will enable students to make their own decisions on matters that are important to their total well-being. Covered topics include: anatomy, hygiene, influence of family and society on mental health, causes of drug abuse, family life and human sexuality in which abstinence is stressed, first aid and safety, influence of diet and exercise, and health consequences of environmental pollution.

## Science

Course #	Course Title	Grade	Credit	Length	Fee
474	Physical Science	9	1.00	Y	5.00
474H	Honors Physical Science 4.3 grading scale	9	1.00	Y	10.00
479	Biology	10	1.00	Y	12.00
479H	Honors Biology 4.3 grading scale	10	1.00	Y	15.00
472	Marine Biology	11, 12	1.00	Y	35.00
457	Human Anatomy & Physiology	11, 12	1.00	Y	20.00
482	Environmental Science	11, 12	1.00	Y	16.00
465	Chemistry	11, 12	1.00	Y	25.00
465H	Honors Chemistry 4.3 grading scale	10, 11	1.00	Y	20.00
466A	General Chemistry 1 (Shawnee St) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
466B	General Chemistry 2 (Shawnee State) College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
470	Physics	11, 12	1.00	Y	5.00
478	AP Physics C. 5.0 grading scale	11, 12	1.00	Y	20.00 and 87.00 AP Exam Fee
471A	Physics 1 (Mechanics/Energy) Shawnee State College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
471B	Physics 2 (Energy/Elec/Magnet) Shawnee State College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	S	
487	Investigating Forensic Science	10, 11, 12	.50	S	30.00
486	Astronomy	9, 10, 11, 12	.50	S	20.00
401A	Principles of Anatomy/Physiology 1 Shawnee State College Credit Plus 5.0 grading scale	9, 10, 11, 12	1.00	Y	
401B	Principles of Anatomy/Physiology 2 Shawnee State College Credit Plus 5.0 grading Scale	9, 10, 11, 12	1.00	Y	

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

**3 Science Requirement: 1 credit of Physical Science, 1 credit of Life Science  
And 1 credit of either Physical or Life Science**

Physical Sciences		Life Sciences
Physical Science, Honors Physical Science		Biology, Marine Biology
Chemistry, Honors Chemistry, General Chemistry		Environmental Science
Physics, AP Physics C		Human Anatomy and Physiology

## Physical Science

The course content for Physical Science will include introductory chemistry, introductory physics, and Earth science mainly dealing with the Universe. It forms a framework for the next science courses. This laboratory-based class will require students to use critical thinking and good study skills, and will meet the needs of the college preparatory curriculum. A scientific calculator is required.

## Honors Physical Science

**Recommendation: Successful completion of previous science class, teacher recommendation, and validation of assessment data by Administration.**

The content of this course includes an introduction to physics (motion, forces, energy) and introduction to chemistry. It is recommended for the student with a strong background and/or interest in science concepts and careers. The lab-based class will introduce, support and apply concepts to develop scientific literacy. The Honors curriculum will challenge the student to acquire knowledge independently, to master abstract concepts, and apply content to new situations. This course will include topics to prepare students to take Honors Biology and Honors Chemistry.

## Biology

**Prerequisites: Physical Science or Honors Physical Science**

Students will fulfill their lab-based Life Sciences requirement for graduation. Biology focuses on the science fundamentals needed to prepare for college and the Biology End course exam. The majority of the course content explores the study of living things: such as diversity and interdependence of life, cells, heredity, and evolution.

## Honors Biology

**Prerequisites: Successful completion of previous science class, teacher recommendation, and validation of assessment data by Administration.**

This course is intended for highly motivated students who have demonstrated an interest in science and who are willing to accept greater responsibility for their learning. The course is designed as a challenging college preparatory class that places higher demands on students to study and work in lab situations. It is the recommended course for those students who want to take a college level biology. Topics will be based on the Ohio Revised Standards for Science. These will include: characteristics of living things, the cell and its processes, biochemistry, genetics, evolution and ecology. In addition, students will engage in scientific investigations and scenarios incorporating scientific reasoning, analysis and communication skills.

## Marine Biology

**Prerequisites: Successful completion of Physical Science and Biology, teacher recommendation and validation of assessment data by Administration.**

With using a marine life perspective, this course is designed to give students more biology content that is not covered in Biology. The course includes topics in ecological and evolutionary principles associated with marine life, as well as a more in-depth look at the different phyla of organisms associated with the shore and ocean environments. In addition, the course will take a look at the different marine habitats and the environmental impact that humans have on these habitats and the species associated with them. An emphasis is placed on scientific investigations, research projects concerning current events, student and guest symposiums, and dissections.

## Human Anatomy & Physiology

**Prerequisites: Biology or Honors Biology**

Human Anatomy and Physiology is a lab-based, college preparatory course intended to prepare students interested in the careers of medicine, nursing, and other health-related careers, but is open to any student wanting to learn more about the human body. Some areas of study include tissues and the integumentary, skeletal, muscular, and nervous systems. The class will provide insight into the structures and functions of the body parts as well as their pathologies.

## Environmental Science

**Prerequisites: Previously passed two credits of high school science**

Environmental Science is a lab-oriented course addressing issues related to environmental concerns stemming from a growing human population. Environmental Science will challenge students to utilize knowledge and skills gained in previous science classes such as Biology and Physical Science. Topics covered in the course include natural resource use and societal impact on the environment in light of growing populations and advancements in technology. Additionally, students will examine the interrelatedness between the Earth's systems and the interactions of the human population in a relevant and meaningful way.

## Chemistry

**Recommendation: Junior or senior status with successful completion of Algebra 1 and Geometry and completion or concurrent enrollment in Algebra 2.**

Students planning on going to college or interested in a career in the medical field, engineering, animal or environmental sciences, or any other science should consider taking chemistry because it will help develop critical thinking and problem solving skills. This lab-based class may be taken by juniors and seniors who successfully passed Physical Science and Biology or by sophomores who passed Honors Physical Science and will be concurrently enrolling in Honors Biology. Strong math skills are important. Chemistry focuses on the structure and behavior of chemicals. Initially, topics learned in Physical Science are revisited with more in-depth study before introducing students to other branches of chemistry. Graphing calculator is required (Texas Instrument 83 or 84).

## Honors Chemistry

**Prerequisites: Successful completion or concurrent enrollment in Algebra 2, teacher recommendation, and validation of assessment data by Administration**

This college-prep course is intended for sophomores and juniors who plan on majoring in the sciences in college. The purpose of this class is to give students an excellent background in basic chemistry. It is anticipated that students would then enroll in General Chemistry 1 the following year. This course explores much of the same topics as Chemistry, but in greater depth. Topics to be studied in this class include structure, properties, classification, and behaviors of matter both chemically and physically. Laboratory investigations, problem solving, and collaborative thinking are vital aspects of this course.

## General Chemistry 1 & 2 (College Credit Plus/Shawnee State CHEM 1141 & 1142)

**Prerequisite:** Completion of, or concurrent enrollment in MATH 1200; or placement into a higher level math course; or ACT Math subscore 22+. Prior experience in Honors Chemistry strongly encouraged.

An introductory study of the fundamental concepts of chemistry including inorganic nomenclature, the mole concept and stoichiometry, chemical reactions, gas laws, thermochemistry, atomic structure and quantum theory, periodic classification of the elements, molecular structure and chemical bonding, and states of matter. Students will then study properties of solutions, chemical kinetics, chemical equilibrium, acids and bases, thermodynamics, electrochemistry, organic chemistry, and nuclear chemistry.

## Physics

**Prerequisite:** Successful completion of Algebra 2, teacher recommendation, and validation of assessment data by Administration.

This course is a comprehensive study of modern and classical physics. It builds upon knowledge begun in Physical Science, anticipating the needs of those students bound for engineering, technical, or medical fields that require college physics. The major topics covered are mechanics, energy, electricity and magnetism, waves, and modern physics. Mathematics, especially algebra and trigonometry, is an integral part of this course.

## AP Physics-C

**Prerequisites:** Students must have either earned credit for AP Calculus or be enrolled in AP Calculus

Mechanics provides instruction in the following six content areas: Kinematics, Newton's Laws of Motion, Work, Energy and Power, Systems of Particles and Momentum, Circular Motion and Rotation, Oscillations and Gravitation. The course will be focused on the application of introductory differential and integral calculus to solving problems in the content areas listed. Introductory differential and integral calculus is used throughout the course. This course is the equivalent of a first semester college calculus based physics course. It is meant for students with highly developed algebra skills who are interested in careers in physics, engineering, and mathematics. Taking the AP Physics-C exam is a requirement of the class.

## Physics 1 (Mechanics/Energy) & Physics 2 (Energy/Elec/Magnet) (College Credit Plus/Shawnee State PHYS 2201 & 2202)

**Prerequisites:** MATH 1250 or MATH 1300 or higher or appropriate placement score; ACT Math subscore 24+.

This yearlong course introduces students to classical physics. Topics include Newton's theory of motion, energy theory, and electric/magnetic fields.

## Investigating Forensic Science

**Prerequisites:** Physical Science. Preference will be given to seniors

This course focuses on the skills and concepts behind crime scene investigation and forensic science. Forensic science is the application of science that can be applied as inquiry. In criminal cases, forensic science is used to examine physical evidence that can be used to establish connections between suspects, events and circumstances. The application of the scientific method is central to this course- observation, collection and classification of data, examining relationships, forming and testing hypotheses and making conclusions based on evidence. The diverse characteristics of a crime scene provide for a combination of all branches of science. Research, case studies and career exploration are also components of this course. This is an elective course and does not count toward the 3 science credits needed to graduate.

## Astronomy

This course is intended to spark interest in science among people of all ages and to promote scientific literacy. This inquiry-based course will focus on the fundamental study of the universe. It will primarily explore the nature of moon phases and composition, seasons, stars and galaxies. Students will learn key past and present astronomers, build their own refracting telescopes, study key features of the planet's (orbital and rotation speeds, as well as composition), chart the constellations and view them with the telescopes created in class. Students will explore these phenomena through a sequence of lab activities where they will make observations, analyze data, do research and problem solve in order to develop an understanding of how these forces of nature affect Earth. This is an elective course (does not count toward the 3 science credits) for those who are interested in investigating the world around us.

## Principles of Anatomy & Physiology 1 (College Credit Plus/Shawnee State BIOL 1130)

**Prerequisite: ACT score of English 18, Reading 18 or Math 18 or ACCUPlacer placement**

This yearlong course introduces the basic concepts of biology and the in-depth anatomy and physiology of the skeletal and muscular systems with additional overviews of human respiratory, cardiovascular and nervous system anatomy and physiology for health sciences students.

## Principles of Anatomy & Physiology 2 (College Credit Plus/Shawnee State BIOL 1131)

**Prerequisite: Principles of Anatomy and Physiology 1/BIOL 1130**

This yearlong course is an introduction to the anatomy and physiology of the nervous, digestive, respiratory, cardiovascular, immune, renal, reproductive and endocrine systems for health science students.

## Social Studies

Course #	Course Title	Grade	Credit	Length	Fee
501	World Studies	9	1.00	Y	
501H	Honors World Studies 4.3 grading scale	9	1.00	Y	
512	US History	10	1.00	Y	
515	AP US History 5.0 grading scale	10, 11, 12	1.00	Y	87.00 AP Exam Fee
507	Sociology	10, 11, 12	.50	S	
508	Psychology	10, 11, 12	.50	S	
530	American Government	11, 12	1.00	Y	
510	AP American Government 5.0 grading scale	11, 12	1.00	Y	23.00 workbook 87.00 AP Exam Fee
535	Economics	11, 12	.50	S	
505	US Military History	9, 10, 11, 12	.50	S	
500	American Civil War	9, 10, 11, 12	.50	S	
518	American Foreign Policy	11, 12	.50	S	
519	Global Issues & Cultures	9, 10, 11, 12	.50	S	

\*\*\*Elective courses will only be offered if the minimum enrollment is met.\*\*\*

### World Studies

World Studies integrates current events, geography, modern issues, and history into a year-long course. Historically, the course covers the 18th century through the 21st century. Students focus on reading for comprehension, evaluating sources of information, and writing content-driven essays. Learning activities include lecture notes, films, website activities, projects, and library research. This course meets the Ohio Social Studies Content Standards and the Common Core reading and writing in the content area.

### Honors World Studies

**Recommendation: Successful completion of previous social studies course, teacher recommendation, and validation of assessment data by Administration.**

Honors World History integrates current events, geography, modern issues, and history into a year-long course. Historically, the course covers the 18th century through the 21st century. Students focus on in-depth, critical reading, evaluating primary sources, writing essays with analysis, and compare/contrast essays or a change-over-time essay. Learning activities include lecture notes, document-based questions, films, website activities, individual projects. This course meets the Ohio Social Studies Content Standards and the Common Core reading and writing in the content area.



## US History

This course of study provides a context for the six strands of the social studies program. Events in American history are studied within the realm of world events. This course provides students with the opportunity to extend and clarify perspectives with regard to American history. This course meets the Ohio Social Studies Content Standards and the Common Core reading and writing in the content area.

## AP US History

This AP course is designed to be the equivalent of a college introductory course usually taken in the first year of college. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. Students will examine and assess historical perspectives utilizing primary sources and various readings. The course entails an analysis and evaluation of historical events in the development of the U.S. as a world power. Important eras covered will include Colonial America, Expansionism, the Great Awakening, the Civil War, Industrialism, Progressivism, the World Wars, the Great Depression, the Cold War, the Turbulent 1960's and the political and economic influences of the late 20th century. This course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons clearly and persuasively in an essay format. Taking the AP US History exam is a requirement of the class.

## Sociology

This class will study the interactions between people and the problems that sometimes occur because of these interactions. Areas of study include: culture, the family, gender and age issues, education, religion, crime, and race and ethnicity.

## Psychology

This class will study the science of behavior and mental processes. Psychology looks at how people think, and why they act and feel in specific instances. Some areas of study will be how people learn, theories of personality, intelligence, group behavior, social and personal development, childhood, adolescence and adulthood. This class will provide insight into behavior and will have practical applications for everyday life.

## American Government

This course helps students comprehend and recognize how our government affects them and how they might contribute or participate. A study of governmental principles and processes, the course also emphasizes economic choices and cultural diversity. Students are encouraged to work cooperatively and to demonstrate open-mindedness, receptivity to new ideas, curiosity, and skepticism. Components of this course meet the state financial literacy requirement.

## AP American Government

This course is designed to be the equivalent of a college introductory government courses usually taken in the first year of college. Students will be expected to take the AP exam in May. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. The course is designed to provide an analytical perspective on government and politics including the various institutions, groups, beliefs and ideas that constitute U.S. politics. Students will examine the influence and impact of historical documents such as the Constitution and Bill of Rights on the evolving institutions and political influence on government, the impact of historical events will be examined in relationship with the changes of civil rights, civil liberties interest groups and political party organizations. Historical and contemporary issues will be explored through a variety of readings, exercises, and perspectives. The course demands extensive reading and strong writing skills. Taking the AP Government exam is a requirement of the class. Workbook fee is \$23.00.

## Economics

This course deals with the way that individuals and societies have chosen to use scarce resources for the production of alternative goods. Students will learn how these scarce resources are distributed among the various peoples and groups in society. The course emphasizes the economic principles upon which the free enterprise system is based. Attention will be given to supply and demand factors, pricing, money, economic markets, economical measurement, and economic instability. Students will also receive practical information in the field of personal finance.

## US Military History

Examine the role of U.S. military conflicts and their impact on the nation and the world, both geo-politically and economically. Students will research and analyze the strategic, technological, cultural, and political influence of warfare on American history and the evolution of the United States from its struggle for independence to the war on terrorism.

## American Civil War

This course will explore the causes, course, and consequences of the American Civil War. The goal is to understand the multiple meanings of a transforming event in American history. We will examine the interrelationships between regional, national, and African-American history. We hope to probe the depths of why the Civil War era has a unique hold on the American historical imagination.

## American Foreign Policy

American Foreign Policy seeks to incorporate world and American history, economics, geography and psychology into the unique study of past, present, and future relations among the United States and other nations/groups around the world. Areas of study and class simulations include: American Revolution, Westward Expansion, WWI, WWII, the Cold War, Vietnam, Imperialism, terrorism, nuclear weapons, the environment, the world economy, diplomacy and spycraft. Course content is heavily based on current events. American Foreign Policy relies on simulations, small group work and frequent use of multimedia.

## Global Issues & Cultures

Globalization and technology is leading to a world that is more accessible than ever. This course is designed to be a study of the current state of our world. It includes a focus on current global and regional issues including terrorism, the role of the internet, climate change, human rights, refugees, food and water shortages, and other current issues that may occur during our time in the course. Throughout our exploration of these issues, we will discuss world cultures and religions and how these unique beliefs can make addressing the above issues difficult. Students will participate in class discussions, projects, watch video clips, and do individual and group research to reach these goals.