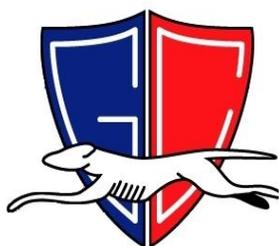




# SOUTH-WESTERN CITY SCHOOL DISTRICT

*Education for the Real World is Our Business*

## Freshman Course Offerings 2018-2019



## Introduction

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The South-Western City School District is committed to providing students with a rigorous and meaningful high school experience that prepares them for life in the “real world.” The following **Five (5) Bold Goals** reflect our commitment to successfully serving the SWCSD community of learners:

1. Students can enter college without remediation.
2. Parents actively receive communication.
3. Students graduate on time.
4. Students exit emotionally, socially, and physically prepared.
5. Families are vested in planning their student’s future.

This course description booklet is provided to students and parents to assist in developing an appropriate course of study during high school. It contains all the courses offered at the South-Western City School District’s high schools. **Every course listed may not be offered at each high school in the coming school year.** Students should work with their parents, teachers, and school counselors as they select courses for next school year and develop plans for graduation and beyond.

The courses offered at each high school are reflected on the students’ course registration sheet. Students are required to take specific courses to meet the high school graduation requirements. There are multiple course options that meet the graduation requirements, so it is important for students to carefully select their courses during the registration process. School counselors will assist students and parents during the scheduling process.

There are several factors students and parents need to consider when selecting courses.

- (1) **Course Changes:** Students and parents need to know that there are limited opportunities to change courses after they register for them in the spring. The school uses registration information to determine course offerings, teaching assignments, and schedules. Changes to student schedules impact this planning. Once the registration process is completed, schedule changes will not be honored in most cases. It is vital that students choose their courses carefully.
- (2) **Course Offerings and Availability:** The courses listed in this booklet may be offered, providing there is adequate student enrollment and staff available to teach the course. Certain classes may be removed from the course selection after students initially register. In these cases, students may select another course. In some cases, a student may have a course conflict and will be required to choose between two or more courses.

The process for course selection and registration is a vital part of developing a student’s four-year plan for graduation and beyond. Please take the time to gather information by talking to teachers and counselors prior to selecting courses. Parents may schedule an appointment with the school counselor by calling the high school.

## Infinite Campus

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One of the important features of Infinite Campus is the Parent Portal. The Parent Portal is available to every parent/guardian of a student enrolled within the South-Western City School District. Through the Parent Portal, a student's information, such as class schedules, coursework, attendance and academic reports can be accessed via the Internet. Parents are able to submit updates to emergency and family contact information via the Portal. Parents can also determine how and where they wish to receive emergency communications, attendance calls, general announcement messages, and email messages/notifications from teachers, the school and the District.

If you set-up your child and/or parent accounts last school year, you will not need to change any of the information this school year to access your child's information. However, you will want to review the "Contact Preferences" area of your account to specify how and where you wish to receive communications. In order for the system to be effective, we need to have current telephone numbers and email addresses on record. Please remember to submit changes to your emergency contact information via the Infinite Campus Parent Portal online or by contacting the main office of your child's school.

If you haven't activated your parent account yet, please take a few moments to do so. There is a link to the Infinite Campus Parent Portal page on our district website where you will also find a Quick Start Guide to walk you through the account set-up process: <http://www.swcsd.us/parent-resources/infinite-campus-parent-and-student-portal>.

Parents received their Campus Portal Activation Key in the Back-to-School Letter, which was mailed to all homes in August. Please remember to keep this letter in a safe location and do not share your Activation Key with anyone, including your children.

# Graduation and State Testing Requirements

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To be eligible for graduation, all students must obtain the number of course credits in each subject area listed below in the specified courses. In addition to credit requirements, students must also pass all tests as required by the State. The State testing requirements are explained on the next two pages.

<u>Course</u>	<u>Credits</u>
<b>English</b>	<b>4</b>
<b>Math</b> <i>Must include Algebra II</i>	<b>4</b>
<b>Science</b> <i>Must include one physical, one biological, and one advanced science course</i>	<b>3</b>
<b>Social Studies*</b> <i>Must include Modern World History, American History, American Government, and a social studies elective</i>	<b>3</b>
<b>Fine Arts</b> <i>All art offerings, all music offerings, Theater Production, Speech, Acting, News Broadcast, two related half-credit career-technical electives or successful completion of any of the two year career-technical programs. However, some colleges and universities may not accept these courses as fine arts credit. Students are to see their counselor for clarification.</i>	<b>1</b>
<b>Physical Education</b> <i>Students who complete two full school years in JROTC or students who complete two full seasons of interscholastic athletics, marching band, or cheerleading have the option of waiving the P.E. requirement.</i>	<b>0.5</b>
<b>Note: No credit is earned for a P.E. waiver. Students who use a P.E. waiver must complete an additional half-credit course in its place.</b>	
<b>Health</b>	<b>0.5</b>
<b>Electives</b>	<b>5 or 5.5</b>
<ul style="list-style-type: none"> <li>• Students who use a P.E. waiver must complete an additional half-credit course in its place</li> <li>• Although world language is not required for graduation most colleges and universities recommend a minimum of 2 credits in one language as a requirement for admission.</li> <li>• Students are encouraged to work closely with their school counselor related to course recommendations for admission and success in college.</li> <li>• Any additional credits earned in physical education beyond the ½ credit required by the State will not count towards graduation requirements.</li> </ul>	

## State Testing Requirements for Graduation

See page 3

\* Financial Literacy requirements are included in the American Government and AP U.S. Government and Politics courses.

## State Testing Requirements for Graduation

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In addition to earning 21 course credits, students graduating from the South-Western City School District must meet the state testing requirements outlined by The Ohio Department of Education.

**Students graduating in 2018 or beyond** will need to complete 21 credits in required courses and earn minimum of 18 points toward graduation on seven (7) end-of-course exams. These exams will replace the Ohio Graduation Tests.

### 1. End-of-Course Exams:

The State of Ohio requires all students who graduate from high school in Ohio (2018 - beyond) earn a minimum of 18 points toward graduation on seven (7) end-of-course exams. These exams will replace the Ohio Graduation Tests. The courses in which students take an end-of-course exam will be: English I and II, Algebra I or Integrated Math I, Geometry or Integrated Math II, Physical Science or Biology, American History or American Government.

Students can earn from 1-5 points for each exam, based on their performance.

- 5 – Advanced
- 4 – Accelerated
- 3 – Proficient
- 2 – Basic
- 1 – Limited

Students will need a minimum of 18 total points to graduate under this option, with the minimum number needed in each area:

- English – 4 points
- Mathematics – 4 points
- Science and Social Studies – 6 points

Students who take biology, American History, or American Government as part of Advanced Placement, International Baccalaureate or College Credit Plus programs can use their scores from the programs' end-of-course exams in place of the state end-of-course exam scores to accumulate graduation points.

Students who earned transcripted high school credit in any tested courses before July 1, 2015, and a test was not available will receive graduation points based on the grade in the course.

### 2. Remediation Free Score:

Another way for students to meet the requirements for a diploma is by earning “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam. The State of Ohio will pay one time for all 11<sup>th</sup> grade students in the classes of 2018 and beyond to take the exam free of charge.

### 3. Industry Credential and Workforce Score:

Students also can qualify for graduation under the credential pathway by earning an approved industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The State of Ohio will pay one time for those who take the WorkKeys assessment.

We strongly advise parents to work closely with school counselors in choosing courses consistent with the student's career goals. Parents are responsible for approving the schedule of courses selected by the students and must sign the appropriate forms. Course changes must have parent approval.

## College Credit Plus

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College Credit Plus is Ohio's dual credit program, replacing Post-Secondary Enrollment Option Program language.

<b>What is it?</b>	Eligible students can take a course and earn high school and college credit that appears on both their high school and college transcripts. Teachers who teach a College Credit Plus course in a high school must receive professional development and be an adjunct professor at a college or university. All courses offered through College Credit Plus – even courses offered in the high school – must be the same course that the college offers. The course must apply to a degree or professional certificate. College Credit Plus replaces the Post Secondary Education Option, also known as PSEO, and redefines “alternative dual enrollment” programs as advanced standing programs.
<b>Why?</b>	Ohio needs more students who graduate college and career ready. College Credit Plus increases access for students who have not taken full advantage of the opportunity to earn college credits while in high school.
<b>Where?</b>	The student is enrolled in both high school and college and can attend the class in any setting arranged by the college.
<b>Who?</b>	Ohio public school districts and Ohio public colleges and universities must participate in College Credit Plus. Nonpublic high schools and colleges or universities may choose to participate. To be eligible, students must meet the admission standards of the participating college or university to which they apply for enrollment.
<b>How does a student get started?</b>	All participating public and private high schools, colleges and universities must promote College Credit Plus opportunities on their websites. Additionally, they will hold an annual informational event for students and parents.
<b>Cost:</b>	There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The high school and college or university shares the cost for the course. Students choosing to enroll in a participating private college or university might incur costs.
<b>For more information go to:</b>	<a href="https://www.ohiohighered.org/content/college_credit_plus_info_students_families#overview">https://www.ohiohighered.org/content/college_credit_plus_info_students_families#overview</a>

# College Credit Plus

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## What is “Dual Enrollment”?

- Dual Enrollment classes are a part of the College Credit Plus (CCP) program
- Classes provide students the opportunity to be enrolled in a college-level class taught by a high school teacher in a high school setting.
- Students may also take college-level classes with a college professor who teaches the course in the students’ home high school.
- Students can also access CCP courses by taking classes at a college/university or online.
- Upon successful completion of the course, the student will receive both high school graduation credit and transcribed college credit from the partnering college/university.
- Under the CCP law, the college credits earned is guaranteed to transfer to all colleges and universities in the state of Ohio. Many private and out-of-state colleges will also accept CCP credits, though it is highly recommended to verify with the private and out-of-state colleges what credits will be accepted.

## As a high school student, what must I do to enroll in a college credit plus class?

- The student must be enrolled in the high school class approved as a college credit plus course.
- The student must apply for admission to the partnering college/university.
- Some colleges/universities may require:
  - Prerequisite classes
  - Minimum ACT or college placement scores

## What are the benefits of taking a college credit plus course?

- Students have the opportunity to experience the rigor of a college-level course.
- Students who are not sure about college can attempt college-level work to see if college is for them.
- College-level credit could reduce the student's college tuition costs.
- Students may avoid some of the duplication between upper level high school courses and entry level college courses.
- Academic rigor increases academic challenge to the high school experience.

## What should a student expect from the college credit plus experience?

- The student will be taking a college-level course.
- The curriculum, syllabus, instruction techniques, and assessment of the course reflect those of the collegiate course.
- The pacing of a semester college course is more challenging than taking a year-long high school course.

## Can I drop the course if I am not doing well?

- Colleges have deadlines for when a course can be dropped, as do the high schools.
- Dropping a course could result in a “W” on your college transcript.
- Completely dropping the course could compromise the student's high school graduation credits.
- Students should discuss this issue with their counselor prior to enrolling in a college credit plus course.
- Students who withdraw from a course after the final withdrawal date or who fail a course will be required to pay for the cost of tuition.

## What is transcribed credit?

- Upon successful completion of the course, the student will receive high school credit that will count toward high school graduation, as well as, a transcript from the partnering college/university that shows the college course(s) taken, the grade(s) earned and the college credit(s) earned.

## Will all colleges/universities accept this credit?

- If the course is approved by the Ohio Board of Regents, it will transfer to any public college/university in Ohio. The counselor can tell the student whether the course is an approved course.
- Private and out-of-state public colleges/universities may or may not accept the credit. This is a decision which each individual college/university will make. However, many college credit courses have been accepted in the past at out-of-state or private institution.

# Art Department

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## Art History

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	See fee schedule plus personal items & projects
Grade:	9, 10, 11, 12		

Students will learn to identify the various periods of art development such as Egyptian, Greek and Roman, Middle Ages and others. Students will explore the media and materials used by different societies, recognize the individual art works and place a style, artist, or artwork in chronological order. They will learn to distinguish between different basic media such as mosaic, fresco, sculpture, oil painting, relief, etc.

## Art I

Term:	Semester /Year	Prerequisites:	None
Credit:	.50 or 1	Fee:	See fee schedule plus personal items & projects
Grade:	9, 10, 11, 12		

Art I is designed to give the student a wide variety of art experiences. The students will learn the fundamentals of drawing, painting, and three-dimensional design.

## Ceramics I

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	See fee schedule plus personal items & projects
Grade:	9, 10, 11, 12		

Ceramics I is a course designed to provide experience in generating original ideas and artwork for ceramic art. Problem-solving and critical thinking skills will be stressed. A variety of media techniques, styles, and glazing processes will be explored.

## Drawing I

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	See fee schedule plus personal items & projects
Grade:	9, 10, 11, 12		

Drawing I will provide students with guided opportunities to develop and strengthen their drawing skills through the application of many different techniques. The student will work from still subjects, figures, portraits, and their imagination to create original drawings.

## Painting I

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	See fee schedule plus personal items & projects
Grade:	9, 10, 11, 12		

The student will experiment with a variety of painting techniques and media, color theory, and different painting styles and subjects. Media may include acrylic, watercolor, and mixed media.

## Photography I

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	See fee schedule plus personal items & projects
Grade:	9, 10, 11, 12		

Photography I will introduce students to photographic processes. Emphasis will be on basic composition skills and creating a successful photograph. Students will be expected to complete work outside of class and will need to provide their own camera. Instructor will specify camera model and/or type.

## Art Department

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### **Sculpture I**

**0181**

Term: Semester

Prerequisites: None

Credit: .50

Fee: See fee schedule

Grade: 9, 10, 11, 12

plus personal items & projects

Students will explore the medium of sculpture using clay, plaster, wood, mosaics, cement and wire while assembling three-dimensional forms.

## Career-Technical Electives

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### College and Career Readiness

Credit: .50

Course Code: CT0500

Grade: 9, 10

College Credit Plus Code: COLS1101\*

The purpose of this course is to provide students with instruction in the career planning process. Topics include a comprehensive skills assessment, identification of work and personal values, career interests, work and learning styles, and personality types related to career paths, college majors and academic success. Each student will participate in activities including job shadowing, reality day and will complete college and career-related projects. The student will begin to use the information to evaluate to what extent their career interests realistically match their skills and abilities and will leave the course with a plan for high school and postsecondary success. (Recommended for all freshman students.)

### Business and Marketing Basics

Credit: .50

Course Code: CT0220

Grades: 9, 10, 11, 12

This course introduces students to the specializations offered in Business and Marketing. Students will obtain fundamental knowledge and skills in business communications, marketing management, marketing research, merchandising and professional selling and business economics. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities.

Students will learn principles in basic safety (10-hr OSHA), construction math, hand and power tool care and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practice.

### Construction Technology\*\*

Credit: 1

CT0213

Grades: 9, 10, 11, 12

**\*\*This course is only offered at WHS.**

**Construction and Manufacturing Courses can help prepare students for the following CTE programs:**

- Electrical Trades
- Materials Joining

These courses are not a prerequisite, but recommended for the Electrical Trades and Materials Joining Programs.

### Engineering Design\*

Credit: 1

CT0210

Grades: 9, 10, 11, or 12

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. (9<sup>th</sup> grade requirement for students wishing to complete the PLTW pathway) (10,11,12 grade as an elective)

**The Engineering Courses above can help prepare students for the following CTE Programs:**

- Automotive Technology
- Welding and Manufacturing
- Engineering and Robotics
- Auto Body Collision

\*To apply to the South-Western Career Academy Engineering and Robotics Program in 2018 (class of 2020), students must have taken both Engineering Design (9<sup>th</sup> grade) and Digital Electronics (10<sup>th</sup> grade)

## Career-Technical Electives

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### INFORMATION TECHNOLOGY ELECTIVE COURSES

**Intro to Technology and Network Security****Credit: .50****CT0206****Grades: 9,10,11,12**

This course will introduce students to the concepts of information technology and network security. Students will learn computing fundamentals, including the basics of information technology, hardware, software, file management, networking security, cyber security, and troubleshooting. Students will also gain knowledge about living online, including a brief history of the Internet, networking, electronic communication, Internet safety, and IT careers.

**Programming Fundamentals****Credit: .50****CT0207****Grades: 9, 10, 11, 12**

Coding, or computer programming, is widely recognized as the language of the future. This course teaches the foundations of coding and is intended for students with no previous background knowledge of computer programming. In this course, students will learn how to code in a fun and accessible way through a series of learning modules including video tutorials, code examples, programming challenges, and applied exercises.

Students will learn about the dynamics of the Web environment while building basic web pages using Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Students will also be introduced to JavaScript programming language, where they will learn the basic units of logic, sequence, selection, loops, and if statements. This course will focus on the problem solving and critical thinking skills through student based exercises.

**These Information Technology Courses can help prepare students for the following CTE programs:**

- Cyber Security
- Interactive Media Design
- Software Development

These courses are not a prerequisite to Career Technical programs, but recommended.

## English Department

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English courses are built from the foundation of Ohio's Learning Standards, and in the case of accelerated courses and AP courses, the curriculum also reflects the recommendations of College Board.

### English I

0711

Term:	Year	Prerequisites:	None
Credit:	1	Fee:	None
Grade:	9		

In grade 9, Ohio's Learning Standards call for students to investigate a wide range of literary genres as well as delve deeply into substantive, complex expository works of nonfiction. Entering high school, students become increasingly aware of the choices authors make and how writers emphasize particular examples or details and stitch them together into a coherent whole. Students study the seminal foundational documents of the United States as well as grasp differing perspectives and points of view embedded in works of world literature. The grade 9 writing standards specify that students should express themselves in multiple writing formats, where students are able to develop a central idea, maintain a coherent focus in their writing, and elaborate the points they make with well-documented and relevant examples, facts, and details. Through writing and conversation, students internalize the expectations of academic written and spoken English and resolve issues regarding usage by consulting style guides.

### Accelerated English I\*

0712

Term:	Year	Prerequisites:	None
Credit:	1	Fee:	None
Grade:	9		

This course is built around Ohio's Learning Standards along with pre-AP content as identified by the College Board. Students delve deeper into more complex works to analyze structure, style, themes, figurative language, symbolism, and tone. Students evaluate the artistry and social value of a work, and examine the historical context and textual details that contribute to the work. Student writing focuses on the critical analysis of literature, including expository, analytical, argumentative, and well-constructed creative writing. Students study the elements of writing style, including vocabulary, sentence structure, and logical organization.

### Yearbook Production I, II, III, IV

0851 - I   0852 - II   0853 - III   0854 - IV

Term:	Year	Prerequisites:	None
Credit:	1	Fee:	None
Grades:	9, 10, 11, 12		

Through the vehicles of photography, journalism, technology and design of the school yearbook, students will produce clear and coherent captions and body text. Through caption and body text writing students will demonstrate a command of the conventions of the English language as well as use a wide variety of academic and domain-specific vocabulary. They will be planning, revising, editing, rewriting, or trying a new approach while designing their pages. Technology will be used to produce and publish the yearbook as well as to interact and collaborate with community members for their input on the content of the book. Students will prepare for and conduct interviews with focused questions, demonstrating understanding of the subject under investigation. In order to critique their writing and design, staff members will prepare for and participate in a range of conversations and collaborations with diverse partners, in order to build on others' ideas, express their own clearly and edit their designs. Photography will allow students to integrate and evaluate information presented in diverse media and formats. Make strategic use of digital media and visual displays to express information and enhance understanding of presentations.

## English Department

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### English – Composition I - CCP\*

**ENGL1100**

Term: Semester

Prerequisites: Placement Testing Required

Credit: 3

Fee: None

Grades: 9, 10, 11, 12

English 1100 is a beginning composition course which 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 purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized. Lecture: 3 hours

### English - Composition II – CCP\*

**ENGL 2367**

Term: Semester

Prerequisites: ENGL1100; minimum grade of "C"

Credit: 3

Fee: None

Grades: 9, 10, 11, 12

This course is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise the identities. Lecture: 3 hours

# Family and Consumer Sciences

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## Work and Family Life

### Principles of Food

**FCS0501**

Term: Semester  
Credit: .50  
Grades: 9, 10, 11, 12

Prerequisites: None  
Fee: \$20.00

Learn basic food preparation techniques and how to select foods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information while making a variety of foods. Throughout the course, basic food safety and sanitation techniques will be emphasized.

### Textiles and Interior Design

**FCS0505**

Term: Semester  
Credit: .50  
Grades: 9, 10, 11, 12

Prerequisites: None  
Fee: \$20.00

In this course students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of fashion, textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability.

## Fine Arts

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### Speech I

0801

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	None
Grades:	9, 10, 11, 12		

In Speech I, students speak (both in formal presentations and in informal discussions) with growing maturity to convey ideas and information both clearly and persuasively. Students are simultaneously developing listening skills that allow them to participate effectively and contribute to groups.

### Speech II

0802

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	None
Grades:	9, 10, 11, 12		

In Speech II, students build upon speaking skills (both in formal presentations and in informal discussions). Students work on conveying a clear and distinct perspective, addressing opposing arguments, and building their vocabulary to better convey the results of their speeches. Students are simultaneously developing listening skills that allow them to participate effectively, contribute to groups, and understand the targeted purpose of public and informal speaking.

### Theater Production

0815

Term:	Semester	Prerequisites:	Genuine interest in theater
Credit:	.50	Fee:	None
Grades:	9, 10, 11, 12		

The class will study all aspects of theater including: lighting, set design and construction, make-up, costuming, promptbook creation, and stage design and development. Students will create their own projects in the various fields of theater. An intensive program of development will be expected of each student. This course may be repeated for credit one time.

### Acting I

0821

Term:	Semester	Prerequisites:	None
Credit:	.50	Fee:	None
Grades:	9, 10, 11, 12		

Students will practice basic techniques of acting: use of voice, physical expression, emotional projection and interpretation. They will perform scenes from published dramas, as well as, original material written by class members.

## JROTC Department

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### Naval Science I

1501

Term:	Year	Prerequisites:	Approval of Naval Science Instructor
Credit:	1		
Grades:	9, 10, 11, 12	Fee:	See fee schedule

The Naval Science Program is designed to acquaint students with and further their knowledge in basic naval orientation, introduction to leadership, rifle and pistol marksmanship, seamanship, basic navigation, America's maritime heritage, marching, rifle drill, oceanography and survival training. Unique to the Naval Science program is that three days a week are spent teaching from the Naval Science textbooks while the remaining two are designated as military drill/physical fitness days. Even more unique is the opportunity to travel at the Navy's expense. The unit takes one or two trips during the school year.

### Aerospace Science I

1511

Term:	Year	Prerequisites:	None
Credit:	1	Fees:	See fee schedule
Grades:	9, 10, 11, 12		

The first year is a history and general military knowledge course designed to acquaint students with the historical development of flight, the role of the military in United States history, and cadet leadership growth. Classroom hours are evenly divided between academic and leadership studies. They include a thorough review of flight from ancient myths to the space shuttle, basic military customs and courtesies, basic drill and ceremony, and effective time management and study habits. Cadets also participate in wellness activities once a week to learn how exercise and proper nutrition can improve their lifestyles.

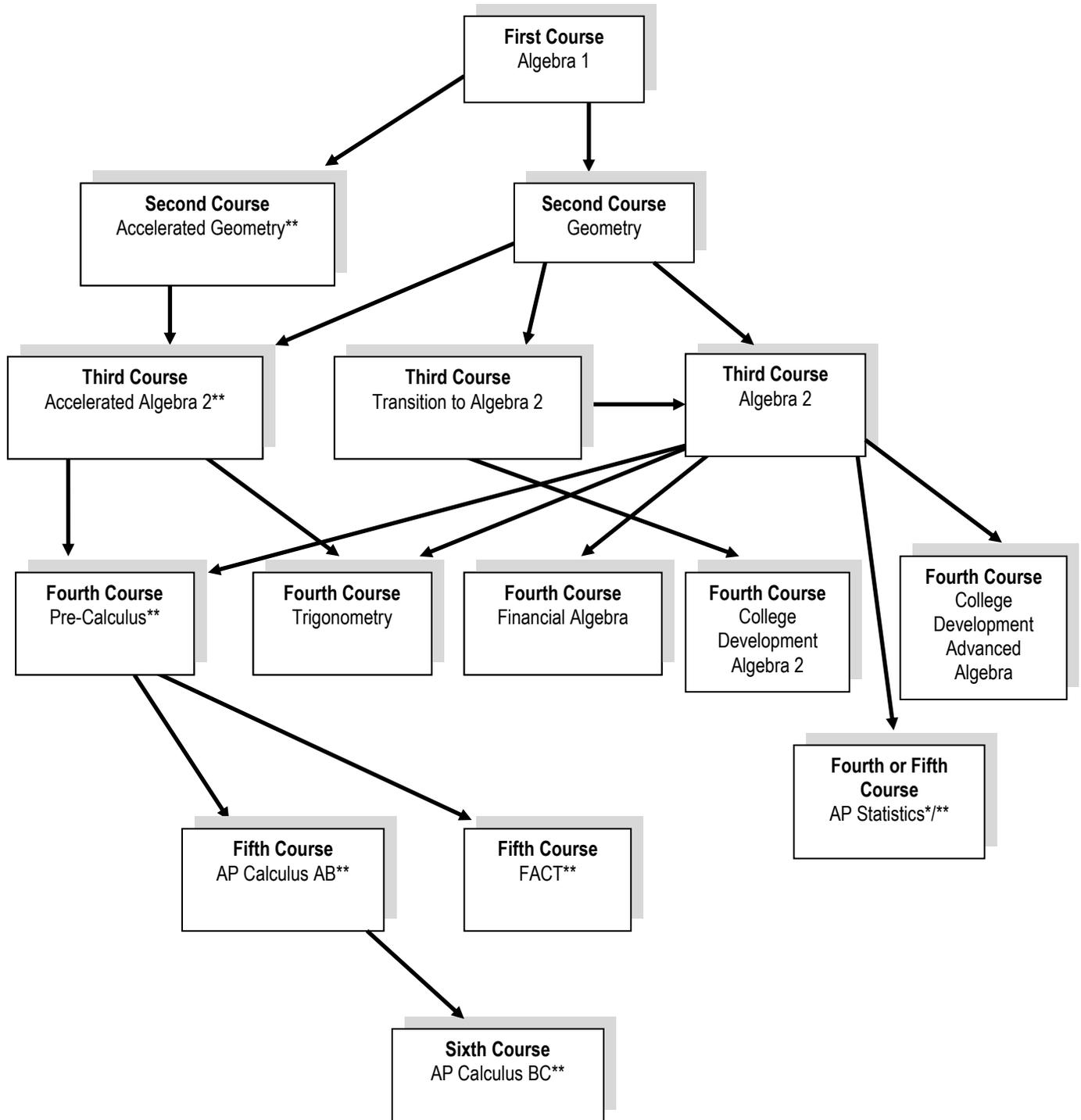
### Aerospace Science Drill and Ceremony

1516

Term:	Year	Prerequisites:	Cadets in good standing; concurrently enrolled in Aero Science I, II, III, or IV
Credit:	1		
Grades:	9, 10, 11, 12	Fees:	See fee schedule

Cadets use Air Force Manual 36-2203, Personnel Drill and Ceremonies, and guided instruction to successfully perform individual/flight movements and procedures for saluting, drill (marching), ceremonies, reviews, and parades. Cadets begin as followers but have the opportunity to compete for command leadership positions. Cadets learn to march with and without demilitarized (non-firing) shoulder weapons; use of the guidon; proper flag etiquette; and command voice. Enrolled cadets become members of the AFJROTC drill team and attend drill competitions throughout the region.

# High School Math Flow Chart



\* AP Statistics may be taken after Algebra 2 or Accelerated Algebra 2 and concurrently with other advanced math courses.  
 \*\* Accelerated courses are designed with greater rigor for students with a strong interest and aptitude in mathematics.

## Mathematics Department

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### Algebra I

1022

Term:	Year	Prerequisites:	None
Credit:	1	Fee:	None
Grades:	9		

The content of the program focuses on five domains: (1) Relationships Between Quantities and Reasoning with Equations, (2) Linear and Exponential Relationships, (3) Descriptive Statistics, (4) Expressions and Equations, and (5) Quadratic Functions and Modeling. The program includes a focus on problem solving, reasoning abstractly and quantitatively, constructing viable arguments, and modeling with mathematics.

### Accelerated Geometry\*

1031

Term:	Year	Prerequisites:	Algebra I and math teacher recommendation
Credit:	1	Fee:	None
Grades:	9, 10		

Concepts in Accelerated Geometry are similar to those in Geometry. The program focuses on the same six domains as Geometry: (1) Congruence, Proof, and Constructions, (2) Similarity, Proof, and Trigonometry, (3) Extending to Three Dimensions, (4) Connecting Algebra and Geometry through Coordinates, (5) Circles with and without Coordinates, and (6) Applications of Probability. However, the content in each one of these domains has been extended. This course is designed for those students with a strong interest in mathematics.

### Accelerated Algebra II\*

1041

Term:	Year	Prerequisites:	Accelerated Geometry and math teacher recommendation.
Credit:	1	Fee:	TI-83/84 family graphing calculator
Grade:	9, 10, 11		

Concepts in Accelerated Algebra II are similar to those in Algebra II. The program focuses on the same four domains as Algebra II: (1) Polynomial, Rational, and Radical Relationships, (2) Trigonometric Functions, (3) Modeling with Functions, and (4) Inferences and Conclusions from Data. However, the content in each one of these domains has been extended. This course is designed for those students with a strong interest in mathematics. Any student who has completed Accelerated Geometry may choose to take Accelerated Algebra II.

## Music Department

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### **Women's Chorus** **1104**

Term: Year Prerequisites: Selected by audition  
Credit: .50  
Grades: 9, 10, 11, 12

A variety of choral works for women's voices will be rehearsed throughout the year and performed at several concerts. Students will increase the maturity and flexibility of the voice through a broader range of experience. Participation in several concerts, after-school rehearsals and OMEA adjudicated events is required.

### **Men's Chorus** **1106**

Term: Year Prerequisites: Selected by audition  
Credit: .50  
Grades: 9, 10, 11, 12

A variety of choral works for men's voices will be rehearsed throughout the year and performed at several concerts. Students will increase the maturity and flexibility of the voice through a broader range of experience. Music will range from traditional, to barbershop, to spirituals, and to pop. Participation in several concerts, after-school rehearsals and OMEA adjudicated events is required.

### **Concert Choir** **1142**

Term: Year Prerequisites: Selected by audition  
Credit: 1  
Grades: 9, 10, 11, 12

This is a class primarily for beginning singers who enjoy singing and choose to strive for excellence in future choral participation. Music of sufficient difficulty will be performed in concerts, OMEA adjudicated events, and performances in the elementary and middle schools. This class is for students with self-discipline and a genuine interest in singing. The group may be divided into a separate treble (SA) choir or two mixed choirs (SATB), depending on enrollment.

### **Vocal Ensemble** **1148**

Term: Semester Prerequisites: Selected by audition  
Credit: .50  
Grades: 9, 10, 11, 12

Vocal Ensemble provides exposure to material not covered in other choral classes. This class is designed primarily for those students with an interest in treble or bass ensemble music.

### **Vocal Ensemble (Voice Class)** **1149**

Term: Year Prerequisites: None  
Credit: 1  
Grades: 9, 10, 11, 12

The objective of this course is to prepare and train students to reach a proficiency level sufficient to participate in a performing ensemble (any choir). Upon attaining this level, the student may advance directly into a choir, even during the course of the current school year. At various times throughout the year, students will be required to sing with a choir in performance and observe one or two contest performances.

## Music Department

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### Band

1151

Term: Year Prerequisites: Selected by audition.  
Credit: 1 Previous instrumental instruction.  
Grades: 9, 10, 11, 12 Fee: See fee schedule

For the first two grading periods, the band performs as a marching unit with the purpose of developing musical skills and concepts using movement as a learning tool. The band plays at several musical performances, football games and parades. Beginning the third grading period, the students may be divided into two ability-based ensembles, the Symphonic Band and the Concert Band. Being a performance course, attendance at all concerts, competitions, and performances is required of all students.

### Jazz Ensemble I

1153

Term: Year Prerequisites: Instrumental teacher approval  
Credit: 1  
Grades: 9, 10, 11, 12

This course will include improvisational, style, and a variety of other concepts related to performing jazz, jazz-rock, swing, Latin and ballads.

### Orchestra

1155

Term: Year Prerequisites: Instrumental teacher approval/  
Credit: 1 audition  
Grades: 9, 10, 11, 12

Orchestra is open to all violin, viola, cello, and string bass students. A variety of musical works, from standard orchestra literature to popular music will be studied. The orchestra performs frequently for school, the public and various community functions.

### Instrumental Ensemble

1161

Term: Semester Prerequisites: Instrumental teacher approval/  
Credit: .50 audition  
Grades: 9, 10, 11, 12

Students will experience new and different types of musical styles that marching band, concert band, and jazz band do not utilize. Students will also experience new and different types of percussion instrumentation.

### Flag Corps/Band

1162

Term: Year Prerequisites: Selected by audition in  
Credit: .25 preceding spring  
Grades: 9, 10, 11, 12

The Flag Corps adds a visual element to the marching band program. It is open to all students and involves the skills of flag twirling, dance, and creative movement. Tryouts are held in the spring. Time commitments and financial obligations are the same as for band members.

## Physical Education and Health Department

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### Physical Education I\*

0413

Term:	Semester	Prerequisites:	None
Credit:	.25	Need:	Lock and activity clothes including tennis shoes
Grade:	9, 10		

Physical Education I emphasizes fundamental fitness concepts, individual lifetime sports and team sports. Movement education enhances individual skills, self-discipline, positive attitudes, and knowledge of rules, strategies, sportsmanship, and respect for teammates, opponents, coaches, and officials.

### Physical Education II\*

0423

Term:	Semester	Prerequisites:	Physical Education I
Credit:	.25	Need:	Lock and activity clothes including tennis shoes
Grade:	10, 11, 12		

The Physical Education II course consists of a more in depth focus on team sports, individual sports, fitness, and recreational activities learned in Physical Education I.

### Advanced Fitness\*\*

0427

Term:	Semester	Prerequisites:	Physical Education I
Credit:	.50	Need:	Lock and activity clothes including tennis shoes.
Grade:	9, 10, 11, 12		

Students will be introduced to and fully participate in daily fitness-based programs including, but not limited to: weight training, aerobic conditioning, speed training, jogging, walking, stretch bands and stretching routines, medicine ball drills, fitness equipment, jump ropes, and various body core exercises emphasizing improvement/promotion of physical fitness and lifelong conditioning routines. This course is repeatable with teacher recommendation.

\*\*Advanced Fitness is an elective course that does NOT meet graduation physical education requirements.

### P.E. Waiver Information

*Students who complete two full school years in JROTC or students who complete two full seasons of interscholastic athletics, marching band, or cheerleading have the option of waiving the P.E. requirement.*

*Note: No credit is earned for a P.E. waiver. Students who use a P.E. waiver must complete an additional half-credit course in its place. P.E. waiver does not affect the student's G.P.A.*

\*Any student who chooses to credit-flex Physical Education I and/or II are still required to take the Physical Education assessment.

\*\*Advanced Fitness is an elective course that does NOT meet graduation physical education requirements

## Science Department

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### Physical Science

1211

Term:	Year	Prerequisites:	None
Credit:	1	Fee:	See fee schedule
Grade:	9	Need:	Scientific Calculator

This science experience is designed to meet the State of Ohio's Core requirement for physical science. The course is structured around the idea that students learn by doing science and following the scientific method. Students will learn basic chemistry, including atoms, properties of matter, atomic structure, chemical bonds, chemical reactions, acid and bases, and nuclear chemistry. Students will learn basic physics including energy, thermodynamics, forces, motion, and waves. Students will learn about the Earth's structure and the processes that shape it including plate tectonics as well as the principles of energy, matter, motion, and forces that explain Earth systems, the solar system, and the universe.

### Biology

1221

Term:	Year	Prerequisites:	Teacher recommendation
Credit:	1	Fee:	See fee schedule
Grade:	9, 10		

This course includes the biology and ecology components required to prepare students for the Ohio end-of-course assessment. The course is structured around the idea that students learn by doing science and following the scientific method. Students will be introduced to fundamental concepts in cytology, DNA, genetics, biochemistry, classification, cell processes, biotechnology, and scientific issues. Students will also learn fundamental concepts in ecosystems, energy transfer, natural resources, climatology, origins, and diversity of life, adaptation, predation, and competition.

### Accelerated Biology\*

1229

Term:	Year	Prerequisites:	Teacher recommendation
Credit:	1	Fee:	See fee schedule
Grade:	9, 10		

Accelerated Biology emphasizes the same concepts as Biology required by state and district standards to prepare students for the state assessment. However, Accelerated Biology goes into greater depth. Enhanced learning is taught through laboratory studies designed for students who wish to pursue post-secondary study and/or a possible vocation in a science field. Students should be prepared to pursue in-depth research projects and/or experiment presentations for further enrichment. This is a rigorous, fast paced and in-depth study of the biological sciences. Sophomore students may be considered for this course after completing Physical Science with a teacher's recommendation. Students who already have credit for Biology may not apply for this course.

\*Weighted course

## Social Studies Department

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### Modern World History

1311

Term:	Year	Prerequisites:	None
Credit:	1	Fee:	None
Grade:	9		

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

### Introduction to American Government – CCP\*

POLS1100

Term:	Semester	Prerequisites:	ENGL 0190 or placement into ENGL 1100
Credit:	3	Fee:	None
Grade:	9, 10, 11, 12		

This course introduces students to the nature, purpose and structure of the American political system. Attention is given to the institutions and processes that create public policy. The strengths and weaknesses of the American political system are discussed, along with the role of citizens in a democracy. Lecture: 3 hours

\*Weighted course

## World Languages

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<b>French I</b>			<b>0911</b>
Term:	Year	Prerequisites:	None
Credit:	1	Fee:	See fee schedule
Grades:	9, 10, 11, 12		

This course provides the student with a basis for learning French as it is spoken and written today. Major emphasis is given to developing the student's basic language skills - listening comprehension, speaking, reading, and writing. Vocabulary and grammar instruction will enable students to use language in meaningful ways. The student will learn about the French-speaking world -- its people and its culture.

<b>German I</b>			<b>0931</b>
Term:	Year	Prerequisites:	None
Credit:	1	Fee:	See fee schedule
Grades:	9, 10, 11, 12		

This course provides the student with a basis for learning German as it is spoken and written today. Major emphasis is given to developing the students' basic language skills - listening comprehension, speaking, reading, and writing. Vocabulary and grammar instruction will enable students to use the language in meaningful ways. The student will learn about the German-speaking world -- its people and its culture.

<b>Heritage Spanish I</b>			<b>0940</b>
Term:	Year	Prerequisites:	Spanish-speaking background at home
Credit:	1	Fee:	See fee schedule
Grades:	9, 10, 11, 12		

This course is for students who understand and/or speak Spanish and have a personal connection to the language because of exposure in their homes or communities. Learners will broaden their knowledge of their cultural heritage while focusing on developing skills such as writing and workplace skills in the target language.

<b>Spanish I</b>			<b>0951</b>
Term:	Year	Prerequisites:	None
Credit:	1	Fee:	See fee schedule
Grades:	9, 10, 11, 12		

This course provides the student with a basis for learning Spanish as it is spoken and written today. Major emphasis is given to developing the student's basic language skills - listening comprehension, speaking, reading, and writing. Vocabulary and grammar instruction will enable the students to use the language in meaningful ways. The student will learn about the Spanish-speaking world -- its people and its culture.