

Granite City High School Course Description Book



“Home of the Warriors”






2023-2024



Granite City High School is accredited by The Illinois State Board of Education and the North Central Association of Colleges and Secondary Schools.

The Granite City High School mission statement is to instill and inspire knowledge, determination, and compassion in all students.

We succeed when students and graduates:

-  learn in a safe and supportive environment
-  develop transferable skills for college or the work force
-  demonstrate a positive work ethic through creativity, knowledge, and independence
-  express a strong sense of personal integrity and civic responsibility
-  work skillfully and compassionately with others to achieve common goals



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The GCHS school events calendar and sports registration links can be found on the District website at www.gcsd9.net. Click Schools, choose GCHS, then Sports Activities. Make your selection!

This booklet is provided to assist students and parents in making informed decisions about the course offerings at Granite City High School. A guidance counselor will assist students in selecting courses to meet the requirements for graduation and to fulfill future career plans such as college and/or occupational choices. If you have any questions concerning registration, please contact the Guidance Department at 618-451-5808 ext. 2542



GCHS Graduation Requirements

20 credits are required for graduation

Most courses at GCHS provide students an opportunity to earn a half credit, 0.50 when passed. A few courses are offered on a quarterly basis; these classes award .25 credits. Please refer to course descriptions for specific details. Any student interested in early graduation must fulfill all requirements. If you are interested in early graduation, please inform your guidance counselor.

- 4 years of English (8 semesters - unless enrolled in a CTE multi-hour class junior and/or senior year, then 1 class each Fall semester may be waived)
- 3 years of Math (must include one year of both Algebra and Geometry content) (6 semesters)
- 2 years of Science (4 semesters)
- 2 years of Social Studies (4 semesters)
 - American History courses required (2 semesters)
 - Civics required (1 semester)
 - Additional coursework: consumer education requirement and/or elective courses
- 3 years of Physical Education (12 quarters; students are not enrolled when taking Health or Driver's Ed)
- 9 weeks of Driver's Safety (or copy of driver's license)
 - **Driver's Education Fees: Driver's Safety \$20, Driver's Training \$250**
- 1 semester of Health
- 1 year of Computer Literacy (beginning with class of 2026): Computer Concepts or Intro. to Video Game Coding coupled with any Spring English course will meet this requirement
- 1 semester of Consumer Education: Adulting 101, Consumer Home Management, or Economics
- 1 year of elective credits from one of the following areas: Business & Technology, Fine Arts, or Career and Technical Education

Academic Policies

1. Students must be enrolled in a minimum of 5 academic courses per semester; this does not include lunch/half hour class assignment or Physical Education.
2. Requests for schedule changes must be made no later than the announced date each semester.
3. Schedule changes will not be allowed for the following reasons:
 - a. teacher change/request (unless the student has previously failed the course with the teacher)
 - b. lunch changes
 - c. specific class or hour requests
 - d. to move between permit courses
4. If a student fails a course or wishes to make an elective change, he/she must see their counselor by the announced date or a selection will be made for them.
5. Weighted grades will be calculated each semester.
6. Courses identified as **dual credit** are subject to approval by the cooperating college. SWIC courses are currently offered at no cost to students, SLU 1818 courses are offered at a discounted tuition.
7. Any students receiving a 'D' grade in an Accelerated course may be moved into the regular college-prep section of the course the following semester (non-accelerated).

GPA Calculation

Final average and class rank are based on all semester grades earned.

Regular Classes A=5 B=4 C=3 D=2 F=0

Honors/AP (Weighted classes) A=6 B=5 C=4 D=2 F=0



GCHS Grading Scale

90 – 100 A 80 – 89 B 70 – 79 C 60 – 69 D 59 and below F

College and Career Support Services

- Tutoring is available two days a week after school in the Media Center. Teachers are available during this time to help students with their coursework.
- Peer tutoring is available during half hour lunch periods; students may attend for assistance with homework or to help prepare for tests.
- The GCHS Media Center is open two days a week after school for students needing to conduct research, type papers, or work on projects for class assignments.
- The GCHS Media Center provides information related to career research and links to databases for specific course research.
- The GCHS Guidance Department provides scholarship, testing, and post-secondary planning information.
- GCHS may offer students the opportunity to attend College Night on the SIUE Campus to meet with approximately 100 colleges to learn more about their programs of study.
- GCHS provides Financial Aid workshops for students and parents.
- GCHS provides a FAFSA night (Free Application for Federal Aid) for students and parents to complete the necessary documentation to meet college entry requirements.
- GCHS may host an Industrial Career Night for students interested in attending a technical or industrial school upon high school graduation.
- GCHS may offer SAT test-prep workshops each Spring through the ZAPS organization.
- GCHS may offer SAT or PSAT study hall options for students to help them prepare for state testing.
- Study sessions are arranged by staff the week before final exams. Students are encouraged to form groups, bring study materials, and prepare for their assessment with their peers and teachers in a supportive and casual atmosphere.
- GCHS has two social workers and four counselors available to assist students with any personal or confidential needs.

Recommended Courses for College Admissions

1. ACT and SAT test results show that when students have completed a core academic curriculum while in high school, they substantially outperform those in college who have less academic preparation. ACT and SAT considers the following a core academic curriculum:
 - 4 years of English
 - 3 years of social studies
 - 3 years of laboratory sciences
 - 3 years of mathematics (beginning at a level not less than Algebra 1)

2. The admission requirements approved by the Illinois Board of Higher Education (IBHE) for high school subjects needed to meet minimum requirements for baccalaureate degree transfer programs in community colleges and baccalaureate degree programs in public universities include:
- 4 years of English (emphasizing written and oral communication and literature)
 - 3 years of social studies (emphasizing history and government)
 - 3 years of mathematics (introductory through advanced algebra, geometry, trigonometry, or fundamentals of computer programming)
 - 3 years of sciences (laboratory sciences)
 - 2 years of electives: foreign language, music, art, business, or vocational education

For more information about admissions to Illinois public universities please visit www.iacac.org/state-universities-illinois. A PDF file with entrance requirements, fields of study, school comparisons, and application deadlines may be obtained.

 <h2 style="text-align: center;">Dual Credit Offerings</h2>		
Adulting 101 Computer Concepts Computer Concepts A Digital Marketing Graphic Design Illustrator CC Photoshop CC **Small Business Basics **Technology Essentials Video Production Web Coding & Design	Physical Education (*select sports) Voc. Machine Technology 1 & 2 Voc. Machine Technology 3 & 4 Voc. Welding 1 & 2 Voc. Welding 3 & 4 Voc. Building Trades 1 & 2 Voc. Electricity 3 & 4	Spanish 5 & 6 Topics in Latin American Lit 1 Topics in Latin American Lit 2 English 7 (SWIC GPA approved sections) English 8 (SWIC GPA approved sections) English 7A English 8A English 8: Creative Writing Environmental Science 1, 1A & 2, 2A
<div style="background-color: #d9e1f2; padding: 5px; border: 1px solid black;"> No tuition or fees </div>		

Most dual-credit courses award college credit at the end of one semester, others require students to be enrolled for two semesters (year-long course).

*Volleyball and/or Weight Training may be offered for PE dual credit

**May not be offered every year

Yearlong courses include all Industrial courses, Environmental Science, and Spanish 5 & 6.

SWIC does not limit the number of dual-credit courses a student can take.

<h1>SLU 1818</h1> <h2>Dual Credit Offerings</h2>	
<p>AP American History 1A AP American History 2A Global Issues Global Issues A</p>	<p>Chemistry 3A Chemistry 4A AP Biology 3A & 4A AP Calculus 1A & 2A</p>
<p>Discounted tuition</p>	

Most dual-credit courses award college credit at the end of one semester, others require students to be enrolled for two semesters (year-long course).

Yearlong courses are AP Calculus 1A & 2A and AP Biology 3A & 4A.

SLU limits student dual credit to 11 hours per semester. Yearlong courses count toward the 11 hours in each semester.

AP Course Offerings

AP courses are College Board approved classes. Students may take an AP test in the Spring semester to earn a transferable score to a college or university. A test fee is required. See your guidance counselor for more information.

AP Courses: Civics A, Biology 3A&4A, Calculus 1A&2A, American History 1A, American History 2A.

GCHS Graduation Requirements & Future Academic Preparation Coursework Guide



ACADEMIC AREAS	GCHS Graduation Requirements	2-Year College, Vocational School, or Military	4-Year College or University	4-Year Highly Selective College or University
ENGLISH	4 Years	4 Years	4 Years Emphasis on writing, literature, and oral communications	4 Years Emphasis on writing, literature, and oral communications
MATHEMATICS	3 Years Algebra content Geometry content Additional course	3 Years Requirements may vary, check with school or recruiter	3 Years Minimum College prep Algebra College prep Geometry Additional college prep math course <i>(STEM majors should take 4 years.)</i>	4 Years Recommended College prep Algebra College prep Geometry Additional college prep math class such as Pre-Calc or Calculus
SCIENCE (Laboratory Sciences)	2 Years	2 Years	3 Years Minimum College prep courses in Biology, Chemistry, Physics, Anatomy, or Environmental Science. <i>(STEM majors should take 4 years.)</i>	4 Years Recommended College prep courses in Biology, Chemistry, Physics, Anatomy, or Environmental Science
SOCIAL STUDIES	2 Years US History - 1 year Civics - 1 semester Consumer Education course OR Elective – 1 semester	2 Years	3 Years Emphasis on History and Government	3-4 Years Check with specific school for requirements
FOREIGN LANGUAGE	None required Spanish is offered as an Elective	None required	2-3 Years*	3-4 Years*
FINE ARTS OR VOCATIONAL EDUCATION	1 year Choose from elective courses	None required	2 Years** May include Music, Art, Business or Industrial Tech courses	1 Year Recommended
ADDITIONAL REQUIREMENTS	Driver Education, Health, Consumer Ed., Computer Literacy			
PHYSICAL EDUCATION	6 semesters/12 quarters Guidance Counselors have information related to waivers			

*Foreign language preparation may be recommended or required by colleges or universities. **State supported schools in Illinois may accept vocational education or fine arts courses in lieu of foreign language; check with specific colleges.

The chart above compares the academic expectations of various secondary opportunities available to graduates. It is intended only as a general guide. High school Guidance Counselors are a resource but specific questions should be directed to the admissions department at the college/university. Their decisions are usually based on the number of academic courses taken by a student, his/her grade point average (G PA), and the standardized admission test score (ACT, SAT).

Course Description Information

Department Course Listings

The courses offered at GCHS are listed by department. The departments are listed in alphabetical order within this book.

Course Titles

Course titles reflect the core area of study within that course. Some course titles include special designations. The following explain the significance of these designations:

- **Honors Courses** – these courses are more rigorous, enriched, and are taught at an accelerated pace. These courses receive weighted grades.
- **Advanced Placement (AP) Courses** – AP courses meet the requirements of the College Board Advanced Placement curriculum. These courses are designed to prepare students to take the advanced placement test for that course, an optional test given in the Spring. Depending upon the student's score and the criteria of the specific university, students may earn college credit. **Any student wishing to take the AP exam at the end of the course will be responsible for the testing fee set by College Board.**

Biology 3A & 4A Civics A Calculus 1A & 2A American History 1A & 2 A

NCAA



Courses with this symbol are NCAA-approved courses. (National Collegiate Athletic Association)

Writing Intensive



Courses with this symbol meet the state requirement for writing intensive coursework.

Prerequisites

Any specific prerequisites for the course are listed behind this label. Please follow these closely to ensure the student has success within the course

Course Credit

The credit available for each course is indicated and calculated into the overall graduation requirements.

Dual Credit



If a course provides the opportunity for a student to earn college credit through SLU 1818 or SWIC, it will be identified as a dual-credit course by this symbol. SLU and SWIC may require a minimum GPA for enrollment. Check with guidance counselors for more information.

Course Description

The course description indicates the major concepts that will be covered within the course.



Business and Technology Department



Grade	9	10	11	12
	Career Exploration	Business Accounting	Adulting 101	Adulting 101
	Computer Concepts	Business Accounting A	Advanced Video Production 1	Advanced Video Production 1,2,3
	Computer Concepts A	Career Exploration	Business Accounting	Business Accounting
	Introduction to Video Game Coding	Computer Concepts	Business Accounting A	Business Accounting A
	Technology Essentials	Computer Concepts A	Career Exploration	Career Exploration
		Digital Marketing	Computer Concepts	CEO, CEO(A)
		Illustrator CC	Computer Concepts A	Computer Concepts
		Introduction to Video Game Coding	Digital Marketing	Computer Concepts A
		Photoshop CC	Graphic Design	Cooperative Education (Co-op)
		Technology Essentials	Illustrator CC	Digital Marketing
		Website Coding & Design	Introduction to Video Game Coding	Graphic Design
			Photoshop CC	Illustrator CC
			Small Business Basics	Introduction to Video Game Coding
			Technology Essentials	Photoshop CC
			Video Production	Small Business Basics
			Website Coding & Design	Technology Essentials
				Video Production
				Website Coding & Design
				Workplace Skills & Procedures (taken if enrolled in Co-op)



Adulting 101



Fall and Spring

SWIC dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: None

This course meets the consumer education graduation requirement.

The class is designed to help students prepare for life after high school. Topics in this class include savings, investments, interest rates, credit purchases, and developing personal finance skills (paycheck, tax forms, check writing, budgeting, etc.) as well as career and college research, completion of job and college applications, resume, job interview tips, Basic life skills will also be taught.

Business Accounting

Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: 3.5 GPA

Accounting is a course that is highly recommended for students who are interested in pursuing a college degree in business or accounting. Basic arithmetic skills are used in accounting. Students will learn accounting concepts and procedures that will be helpful in everyday life as well as in career development. In addition to written work, computerized accounting will be emphasized. Students taking this class should have a good concept of basic math functions and good reasoning ability.



Business Accounting A

Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA

This is an Honors course that includes the topics covered in Business Accounting, but at an accelerated pace with additional projects assigned.

Career Exploration

Fall and Spring

Grade: 9-12

Credit: 0.5

Prerequisites: None

Choosing a career path is one of the most challenging life decisions. When students have a positive vision of their future, they are inspired to set and achieve goals and become more focused, motivated learners. Throughout this process, goal-setting, decision-making, critical-thinking, teamwork, and long-term planning, enables students to realistically look into the future and take responsibility for their lives. A variety of careers will be explored as well as self-interest inventory activities to help students plan future coursework and make plans for achieving post-secondary goals.

CEO Program

Fall and Spring

Grade: 12

Credit: 1.0 each semester

Prerequisites: Requires a one-year commitment.

Keyboarding/computer skills recommended.

Teacher permit required.

This course meets off campus daily for 90 minutes. Students must have their own transportation. Students will learn the process of entrepreneurship through the curriculum which includes visits to many area businesses. Students will develop the skills to write two or three business plans to present to local business investors. Students will be required to start a business and showcase it to the community. Students will develop skills for problem solving, critical thinking, communication, collaboration, flexibility, adaptability, creativity and innovation.

Business & Technology Department



CEO Program A

Fall and Spring

Grade: 12
Credit: 1.0 each semester
Prerequisites: Same as above & 4.5 GPA

Additional language and writing assignments incorporated with traditional class section.

Computer Concepts



Fall and Spring

SWIC dual credit offered

Grade: 9, 10, 11, 12
Credit: 0.5

Prerequisites: Keyboarding skills recommended, meets one semester of the one-year computer literacy requirement

Most businesses and colleges require that employees/students have the basic understanding and knowledge of the most popular software programs in the world. This is an orientation-level course designed to help students achieve the desired skills that are needed and used in the workplace, at college, and at home. Students will apply problem-solving skills to hands-on, real-life situations using Microsoft Office and other software applications.

Computer Concepts A



Fall & Spring

SWIC dual credit offered

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 4.5 GPA; Keyboarding skills recommended, meets one semester of the one-year computer literacy requirement

This is an Honors course that includes the topics covered in Computer Concepts, but at an accelerated pace with additional projects assigned.



Digital Marketing



Fall

SWIC dual credit offered

Grade: 10, 11, 12
Credit: 0.5
Prerequisites: None

This course introduces students to basic marketing concepts through practical and real-world applications. Students will demonstrate their knowledge through hands-on applications and projects. Focus will also be placed on digital and social media marketing strategies. The latest digital marketing trends will be discussed as well as creating a brand presence on various social networks such as Facebook, Twitter, and LinkedIn.



Business & Technology Department cont.



Introduction to Video Game Coding

Fall and Spring

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None, meets one semester of the one-year computer literacy requirement

Students will learn all aspects of the creative, business and technological components required to launch a new video game. This is a project-based course using Game Maker software. Topics of study include: design (understanding application software; storyboard and game creation), programming (understanding programming code; role of programmers on a game-design team), and management (playability and functionality testing). Students will have the opportunity to create their own video game.

Illustrator CC



Spring

SWIC dual credit offered

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

Adobe Illustrator CC is the industry-standard illustration program used for creating vector images. These images are used to create company logos, package design, poster art and web graphics. This is a project-based course designed to provide students with a basic background in the graphic design field.

Photoshop CC



Fall

SWIC dual credit offered

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

Adobe Photoshop CC is the industry-standard software program used for image editing, graphic design and digital art. This is a project-based course designed to teach students how to create, edit, retouch and transform images/pictures.

Small Business Basics (School Store)



Spring

SWIC dual credit offered (may not be offered every year)

Grade: 11, 12

Credit: 0.5

Prerequisites: Permit class; AND one of the following courses: Digital Marketing, Accounting, Photoshop, Illustrator or Web Page Design

Students will learn about the various business concepts, functions, and skills involved in running a successful school-based enterprise. Topics will include, but are not limited to: accounting, research, promotion, planning, managing, and selling.

Technology Essentials



Fall and Spring

SWIC dual credit offered (may not be offered every year)

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None, meets one semester of the one-year computer literacy requirement

With the growing use of technology in everyday society, students will develop basic skills in touch keyboarding techniques for entering alpha-numeric and symbol information. Students will be introduced to Edu-Typing & various Google Apps. Throughout this course, emphasis will be placed on improving keyboarding skills along with increasing speed and accuracy.

Business & Technology Department cont.



Video Production



Fall

SWIC dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: Journalism or Photoshop

This project-based course is designed to provide students with the skills needed for a career in the technical aspects of broadcasting. Instruction includes camera operations, audio and video editing, sound and lighting techniques, and sound mixing. Students will gain an understanding of the

basic principles and concepts of digital video production using digital video cameras, digital still cameras, and computer software for finished video productions. Students will be required to produce individual videos as well as a variety of cooperative productions.

Advanced Video Production 1

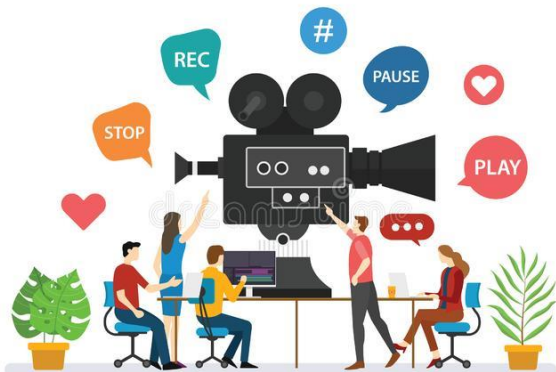
Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: Video Production

This course will expand on the topics explored in Video Production. In a team-based environment, students will develop projects for a variety of GCHS and community activities.



Website Coding & Design

Fall and Spring

SWIC dual credit offered

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: Intro to Video Game Coding

This course is a project-based course designed to give students the ability to plan, design, create, and maintain web pages and web sites by reading and writing basic HTML code. Students will learn how to critically evaluate website quality, learn about web standards, and how to create and maintain quality web pages.

Graphic Design



Fall and Spring

SWIC dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: Photoshop and Illustrator

Students master their skills in Illustrator, Photoshop and InDesign and develop their professional online portfolio. Students learn about small business management, how to start off as a freelancer and how to interact, charge and communicate with clients. Students will look to our community for opportunities to help the local companies with branding, logo redesign, advertising. In this course, students will also run the production department for the school store.



Cooperative Education Programs cont.



Workplace Skills & Procedures

Fall and Spring

Grade: 12
Credit: 1.0
Prerequisites: Enrolled in co-op program

This course provides students with career exploration and workplace skills. Topics covered include: personal and career development, workplace ethics, effective writing and communication skills, office etiquette, time management and proper business behavior and attire.

Interrelated Co-op A.M. (worksite)

Fall and Spring

Grade: 12
Credit: 1.0
Prerequisites: Application; Permit

This course is a continuation of Workplace Skills & Procedures. Students attend work site training in the morning and classes in the afternoon.

Interrelated Co-op P.M. (worksite)

Fall and Spring

Grade: 12
Credit: 1.0
Prerequisites: Application; Permit

This course is a continuation of Workplace Skills & Procedures. Students attend classes in the morning and work site training in the afternoon.

TMH Work Training – AM (worksite)

Fall and Spring

Grade: 11, 12
Credit: 1.0
Prerequisites: IEP; Application; Permit

Students will attend sheltered workshop at New Opportunities.

SP Cooperative Work Experience

Fall and Spring

Grade: 12
Credit: 1.0
Prerequisites: Enrolled in co-op program

A work-related class for students enrolled in SP Co-op AM/PM. This course teaches competencies for a variety of work situations to assist in their post-graduate goals.

SP Café Co-op

Fall and Spring

Grade: 11, 12
Credit: 1.0
Prerequisites: IEP; Counselor/Teacher recommendation; Permit

Students work in GCHS cafeteria under the direction of the Co-op coordinator and cafeteria staff.

SP Co-op A.M. (worksite)

Fall and Spring

Grade: 12
Credit: 1.0
Prerequisites: IEP; Application; Permit

This course is a continuation of Cooperative Work Experience. Students attend work site training in the morning and classes in the afternoon.

SP Co-op P.M. (worksite)

Fall and Spring

Grade: 12
Credit: 1.0
Prerequisites: IEP; Application; Permit

This course is a continuation of Cooperative Work Experience. Students attend classes in the morning and work site training in the afternoon.

Driver's Education



Driver's Safety

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.25
Prerequisites: Permit; Registration is done according to student's birthday.

According to 105 ILCS 5/27-23 - Illinois School Code, and HB 418, students must have passed 8 courses the previous two semesters...this holds true for public schools as well as driver training schools.

Drivers' Education is offered in two phases. In the first phase students have nine weeks of classroom work (Drivers' Safety). All students will be scheduled for safety class based on their age and the number of classes passed and students must be 15 years of age for classroom instruction. Students choosing to waive Physical Education will not be enrolled in Drivers' Safety.



Driver's Training

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.125
Permit: Permit; Registration is done according to student's birthday.

According to 105 ILCS 5/27-23 - Illinois School Code, and HB 418, students must have passed 8 courses the previous two semesters...this holds true for public schools as well as driver training schools.

Phase two is four weeks of behind-the-wheel training (Drivers' Training). Note: ALL students must have 6 hours of behind-the-wheel instruction in order to take the driving test before age 18. The top 12 students with the highest grades in safety class will drive during the school day; other students who pass safety will have the opportunity to drive before and after school. Students passing both phases will receive their blue slip which is done electronically with the state. This allows the student to take the road test for their driver's license.

COSTS:

1). The Initial Instruction Permit is \$20.00 payable to Secretary of State. This fee is subject to change and it is set by the Secretary of State.

2) The Lab Fee for Driver's Training is \$250.00 and is payable to GCHS.

English Department

Grade	9	10	11	12
	English 1	English 3	English 5	English 7
	English 1: Sports Lit.	English 3A	English 5A	English 7: World Lit.
	English 1A	English 3B	English 5/7: Multi-Cultural Lit., Reading, & Rhetoric	English 7A
	English 1B	English 4		English 5/7: Multi-Cultural Lit., Reading, & Rhetoric
	English 2	English4: Argumentation & Debate	English 5B	English 7B
	English 2A		English 6	
	English 2B	English 9/10	English 6A	English 8: Composition
	Literacy & Numeric Success (elective)	Journalism	English 6B	English 8: Creative Writing
		Journalism 2	English 11/12	English 8A
		Yearbook	Journalism	English 8B
		Yearbook/Lunch	Journalism A	English 11/12
			Journalism 2	Journalism
			Public Speaking	Journalism 2
			Yearbook	Public Speaking
			Yearbook/Lunch	Yearbook
				Yearbook/Lunch



English 1



Fall

Grade: 9
Credit: 0.5
Prerequisites: 2.5 GPA

This college preparatory freshman level course focuses on reading fiction and non-fiction, writing, and grammar. There is a focus on writing with a minimum of three writing assignments given. Students will be exposed to gathering sources, summarizing, and distinguishing between valid and fallacious evidence. Students enrolled in this course are required to read *To Kill a Mockingbird* and a Charles Dickens' novel, as well as other works. Students will learn perception checks, denotation/connotation and give one speech.

English 1A



Fall

Grade: 9
Credit: 0.5
Prerequisites: 4.5 GPA

This accelerated college preparatory freshman level course focuses on reading fiction and non-fiction, writing, and grammar. There is a focus on writing with a minimum of three writing assignments given. Students will be exposed to gathering sources, summarizing, and distinguishing between valid and fallacious evidence. Students in this course will also go through the research process. Students enrolled in this course are required to read *To Kill a Mockingbird*, *Night*, and a Charles Dickens' novel, as well as a variety of other works. Students will complete additional readings beyond those required at the 1 and 1B levels. Students will learn perception checks, denotation/connotation and give one speech.

English 1B

Fall

Grade: 9
Credit: 0.5
Prerequisites: GPA below 2.5

This freshman level course focuses on reading fiction and non-fiction, writing, and grammar. A main component of this course is on improving reading skills, writing skills, and grammatical skills. There is a focus on writing with a minimum of three writing assignments given. Students will be exposed to gathering sources, summarizing, and distinguishing between valid and fallacious evidence. Students enrolled in this course are required to read *To Kill a Mockingbird*, and a Charles Dickens' novel, as well as a variety of other works. Students will learn perception checks, denotation/connotation and give one speech.

English 1: Sports Literature



Fall

Grade: 9
Credit: 0.5
Prerequisites: None

This freshman course focuses on reading, writing, grammar, and speaking and listening skills with an emphasis in sports literature. Discussions will revolve around real-world themes such as pride, identity, heroism, dedication, disappointment, and trails using sports-based audiences.

English cont.

English 2



Spring

Grade: 9

Credit: 0.5

Prerequisites: 2.5 GPA

This college preparatory course is a continuation of English 1. Students will focus on and build upon the skills to which they were exposed in English 1. Students will write a minimum of three writing assignments. Students enrolled in this course are required to read *Romeo and Juliet*, *The Odyssey*, as well as a variety of other works. Students will learn about personality styles, group communication, and deliver one speech.

English 2A



Spring

Grade: 9

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area

This accelerated course is a continuation of English 1A. Students will focus on and build upon the skills to which they were exposed in English 1A. Students enrolled in this course are required to read *Romeo and Juliet*, *The Odyssey*, as well as a variety of other works. Students will complete additional readings and writing assignments beyond those required at the 2 and 2B levels. Students will write a minimum of 3 writing assignments. Students will learn about personality styles, group communication, and deliver one speech.

English 2B

Spring

Grade: 9

Credit: 0.5

Prerequisites: GPA below 2.5

This freshman level course is a continuation of English 1B. Students will focus on and build upon the skills to which they were exposed in English 1B. Students enrolled in this course are required to read, *Romeo and Juliet*, *The Odyssey*, as well as a variety of other works. Students will write a minimum of 3 writing assignments. Students will learn about personality styles, group communication, and deliver one speech.

English 3



Fall and Spring

Grade: 10

Credit: 0.5

Prerequisites: 3.0 GPA

The development of quality grammar, writing, and reading skills continue to be the focus in this course. There is a minimum of three writing assignments, including a small research project, and a persuasive essay. Students enrolled in this course are required to read *Night*, *Of Mice and Men*, as well as a variety of other works. Students will also read at least one play. Students will also learn about Socratic circles, listening skills, and deliver one speech.



English cont.

English 3A



Fall
Grade: 10
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area

The development of quality grammar, writing, and reading skills continue to be the focus in this course. There is a minimum of three writing assignments, including a small research project, and a persuasive essay. Students enrolled in this course are required to read *Death of a Salesman* as well as a variety of other works. Students will complete additional readings and writing assignments beyond those required at the 3 and 3B levels. Students will also learn about Socratic circles, listening skills, and deliver one speech.

English 3B

Fall and Spring
Grade: 10
Credit: 0.5
Prerequisites: GPA below 3.0

The development of quality grammar, writing, and reading skills continue to be the focus in this course. There is a minimum of three writing assignments, including a small research project, and a persuasive essay. Students enrolled in this course are required to read *Anthem*, as well as a variety of other works. Students will also read at least one play. Students will also learn about Socratic circles, listening skills, and deliver one speech.

English 4



Spring
Grade: 10
Credit: 0.5
Prerequisites: None

This course will integrate most categories of ELA standards, focusing on the communication and research skills necessary to develop sound arguments and idea construction. The course will focus on writing and speaking and listening standards with the inclusion of additional standards in the reading of informational texts and language. These skills will provide building blocks for other communication and research-inclusive courses traditionally taken in the junior and senior years.

English 4:



Argumentation and Debate

Spring
Grade: 10
Credit: 0.5
Prerequisites: None

Students will explore the elements of public speaking, conduct research, explore the elements of argumentation and debate, and compose presentations. Students will research and write arguments, participate in debates, learn presentation skills, complete peer critique and analysis of cases, and be involved in mentoring.



English cont.

English 5



Fall

Grade: 11
Credit: 0.5
Prerequisites: 3.0 GPA

This course is intended to provide the student with the knowledge, understanding, and appreciation of our national literature. A wide variety of genres and writers from different periods of American literature will be presented to afford the student examples of significant contributions and influences upon the nation's literature. The class is organized chronologically; early American literature is the starting point for this semester. This semester will focus on extensive grammar review as well. There are three required writing assignments, including a research project focusing on a historical event studied in the course (using MLA guidelines). One of the writing assignments will be a persuasive paper. Students enrolled in this course are required to read *The Crucible*, as well as a variety of other works.

English 5A



Fall

Grade: 11
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area

This course is intended to provide the student with the knowledge, understanding, and appreciation of our national literature. A wide variety of genres and writers from different periods of American literature will be presented to afford the student examples of significant contributions and influences upon the nation's literature. The class is organized chronologically; early American literature is the starting point for this semester. This semester will focus on extensive grammar review as well. There are three required writing assignments, including a research project focusing on a historical event studied in the course (using MLA guidelines). One of the writing assignments will be a persuasive paper. Students enrolled in this course are required to read *The Crucible*, as well as a variety of other works. Students will complete additional readings and writing assignments beyond those required at the 5 and 5B levels.

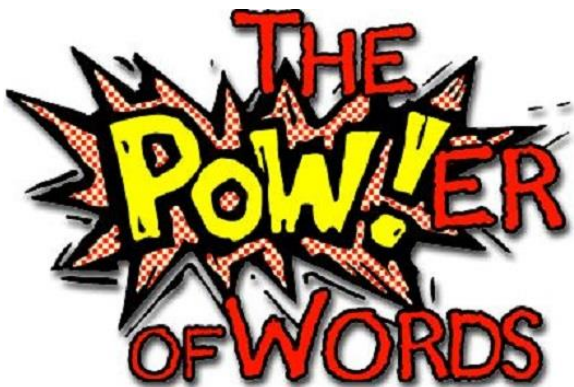
English 5/7 Multi-Cultural Lit., Reading, & Rhetoric



Fall

Grade: 11 or 12
Credit: 0.5
Prerequisites: 3.0 GPA, may be take only once, either in the junior or senior year

This course focuses on literature and readings by multi-cultural authors and about multi-cultural topics, as well as writing about this literature and writing in linguistically appropriate styles. Speaking and listening will also be integrated into coursework and/or assignments. Students in this course will read, write, and think while applying skills of context and connecting reading with life. Written assessments will be the primary focus of evaluation.



English cont.

English 5B

Fall

Grade: 11
Credit: 0.5
Prerequisites: GPA below 3.0

This course is intended to provide the student with the knowledge, understanding, and appreciation of our national literature. A wide variety of genres and writers from different periods of American literature will be presented to afford the student examples of significant contributions and influences upon the nation's literature. The class is organized chronologically; early American literature is the starting point for this semester. This semester will focus on extensive grammar review as well. There are three required writing assignments, including a research project focusing on a historical event studied in the course (using MLA guidelines). One of the writing assignments will be a persuasive paper. Students enrolled in this course are required to read *The Crucible*, as well as a variety of other works.

English 6



Spring

Grade: 11
Credit: 0.5
Prerequisites: 3.0 GPA

This course is a continuation of English 5. The tasks in this course are similar to those in English 5; however, the focus of this course is on modern American literature. Students will be required to read *Farewell to Arms*, *The Great Gatsby*, and *In Cold Blood*, as well as a variety of other work.

English 6A



Spring

Grade: 11
Credit: 0.5
Prerequisites: 4.5 GPA

This course is a continuation of English 5A. The tasks in this course are similar to those in English 5A; however, the focus of this course is on modern American literature. Students will be required to read *Farewell to Arms*, *The Great Gatsby*, and *Grapes of Wrath*, as well as a variety of other works. Students will complete additional readings and writing assignments beyond those required at the 6 and 6B levels.

English 6B



Fall

Grade: 11
Credit: 0.5
Prerequisites: GPA below 3.0

This course is a continuation of English 5B. The tasks in this course are similar to those in English 5B; however, the focus of this course is on modern American literature. Students will be required to read *Inherit the Wind*, *Old Man and the Sea*, as well as a variety of other works.



English cont.

English 7



Fall

SWIC dual credit offered for qualifying sections

Grade: 12

Credit: 0.5

Prerequisites: 3.0 GPA. SWIC GPA requirement is 3.25 for dual credit sections offered

This course focuses on plays, novels, nonfiction, and short stories that relate to issues of contemporary society, especially concerning the workplace. Students will read classic fiction which relates to the work world today, as well as modern pieces that are also relevant. Students will respond to the readings in a variety of ways: class discussion, collaborative projects, and a minimum of four multi-paragraph essays.

English 7: English World Literature

Fall

Grade: 12

Credit: 0.5

Prerequisites: 3.0 GPA



Students will survey the literature of Great Britain and its immediate neighbors, including some of its colonial interests. Because literature is produced in terms of its historical context events, we will also examine some of the history of the country. Students will respond to literature in various ways including class discussion, collaborative projects, and multi-paragraph compositions.

English 7A



Fall

SWIC dual credit offered

Grade: 12

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area.

English 7A in collaboration with SWIC English 101 is designed to help students write papers for a variety of general and specific audiences. Students will learn to recognize features that make writing effective, and learn different strategies writers use while prewriting, drafting, revising, and editing. Students will learn to read their own work more critically and to constructively criticize the work of others. The course also provides a brief introduction to the writing of source-supported papers and methods of documenting sources.

English 7B

Fall

Grade: 12

Credit: 0.5

Prerequisites: GPA below 3.0

This course reviews the elements of all genres: short story, poetry, drama, and novel through a thematic approach. These themes include topics such as commitment, challenges and independence. In addition, students will continue to work on their reading skills through reading comprehension and vocabulary exercises.



English cont.

English 8: Composition



Spring

A Fall semester section will be added as needed for failures and early grads only

SWIC dual credit offered for qualifying sections

Grade: 12
Credit: 0.5
Prerequisites: 3.0 GPA. **SWIC GPA requirement is 3.25 for dual credit sections offered**

Whether students are going on to college, pursuing a business career, or entering a trade, writing skills are essential. This course will provide a review of the principles of grammar and standard usage. Numerous writing experiences should enable students to improve punctuation, sentence structure, vocabulary, organization, and paragraphing. Types of compositions written include the following: comparison and contrast, description, narration, persuasion, characterization, definition, process, analysis, and research paper. Eight compositions, which include a 5-7page research paper, are required to pass the course.

English 8: Creative Writing



Spring

SWIC dual credit offered

Grade: 12
Credit: 0.5
Prerequisites: 3.0 GPA. **SWIC GPA requirement is 3.25 for dual credit**

In addition to providing a review of grammar and standard usage and utilizing numerous writing experiences to improve punctuation, sentence structure, vocabulary, organization, and paragraphing. Students will explore the various genres for creative writing while focusing on plot structure, characterization, dialogue, and theme development as well as concepts in poetic writing. Additionally, students will write a research

paper, be it the standard research paper or a multi-genre paper. A minimum of six (6) creative writing pieces in addition to the research paper will be required to pass the course.

English 8A



Spring

SWIC dual credit offered

Grade: 12
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area.

English 8A in collaboration with SWIC English 102 focuses on the processes of academic inquiry and source-supported writing, while continuing to practice prewriting, drafting, revising, and editing strategies. Students will gain experience using a variety of research methods including interview, observation, survey, peer-reviewed journals, electronic databases, and other written/visual/aural texts or artifacts. Students will use reflection to critically analyze and evaluate information and ideas from a variety of sources, and use such sources effectively in their own writing.

English 8B



Spring

Grade: 12
Credit: 0.5
Prerequisites: GPA below 3.0

This course is designed for the student who needs extra focus on the development of writing sentences, writing paragraphs, and writing essays and who desires to strengthen his/her usage of English skills. Activities should enable him/her to write with ease, particularly when making out reports, filling out applications and other forms, summarizing experience, writing business letters, and undertaking other duties in the business world. The student will be given some review of grammar and a wide variety of writing experiences. Students will complete 6 writing assignments and a research paper.

English cont.

English 9/10

Fall and Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: For students who have not passed English 1, 2, or 3. May only be taken once. (Not NCAA approved)

This freshman or sophomore level course focuses on reading fiction and non-fiction, writing, and grammar. Students will learn strategies to improve reading skills, both within literary fiction and reading information. There is a focus on writing with a minimum of three writing assignments given. A mini-research project/paper will be assigned as well in order to expose students to gathering sources, summarizing, and distinguishing between valid evidence and fallacious evidence. To determine the degree of success in attaining these skills, the teacher will evaluate the student's written work, class participation, homework, daily preparation, quizzes, tests, and the final assessment (if applicable).

English 11/12

Fall and Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: For students who have not passed English 5, 6, or 7. May only be taken once. (Not NCAA approved)

This course focuses on reading seventeenth, eighteenth, and nineteenth-century American and English fiction and non-fiction, writing, and grammar. A minimum of three writing assignments given. A research project/paper will be assigned as well in order to expose students to gathering sources, summarizing, and distinguishing between valid evidence and fallacious evidence. To determine the degree of success in attaining these skills, the teacher will evaluate the student's written work, class participation, homework, daily preparation, quizzes, tests, and the final assessment (if applicable).

Public Speaking



Spring

Grade: 12

Credit: 0.5

Prerequisites: 3.0 GPA

This elective course covers the basic principles of writing and public speaking, including selecting a subject, determining the specific purpose of the speech, collecting materials, adapting the speech to a particular audience, organizing the speech, wording the speech, using visual materials, and delivering the speech. Each student prepares and delivers informative and persuasive speeches. Research skills will be a focus as students prepare speeches.

Public Speaking A



Spring

Grade: 12

Credit: 0.5

Prerequisites: 3.0 GPA

This course covers the same topics as Public Speaking but students will have additional projects and assignments.

English Dept., Journalism



Journalism



Fall and Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

This class taken once in 11th grade meets the English requirement; taken in 10th or 12th grade is an elective course.

This course introduces students to the various forms of newspaper and broadcast writing, specifically online journalism, and to the basic steps in newspaper and broadcast production. In addition to developing and improving their own writing skills, students will publish several pieces of content for the online school newspaper, www.granitehighworld.com, during the semester. News gathering, photography, advertising, page designs, and layouts are major topics and project possibilities. Students will also be introduced to various aspects of broadcast journalism. This course will count as one required English class if taken during the junior year.

Journalism A



Fall

Grade: 11

Credit: 0.5

Prerequisites: 4.5 GPA

May be taken for English credit in place of English 5A

This accelerated course is similar in content to Journalism but also includes the following topics: history and principles, news writing, editorial writing, feature writing, sports writing, headline writing, layout, photojournalism, copy editing/proofreading, newspaper production, and video production. Students will also be required to attend at least **3** school events to gather news, interview students and take photographs for the high school online journalism website, <http://www.granitehighworld.com>.

Journalism 2



Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: Journalism or Journalism A

This is an elective course.

This course is designed for in-depth journalism writing and procedures for students particularly interested in the production of the newspaper. Students act as the editorial staff, reporters, and business staff. The teacher will select the students for the executive positions necessary to publishing the school newspaper, www.granitehighworld.com.

Literacy & Numeric Success

Fall and Spring

Grade: 9

Credit: 0.5 Prerequisites:
GPA, teacher, or counselor
recommendation

This course is designed for students needing supports for reading comprehension and basic writing skills in order to find success in English 1 and/or English 2.



English Dept., Yearbook

Yearbook/Lunch

Fall and Spring

Grade: 10, 11, 12
Credit: 0.25
Prerequisites: 3.0 GPA

This class is taken in combination with the full hour Yearbook class.

Yearbook

Fall and Spring Grade: 10, 11, 12

Credit: 0.5

Prerequisites: 3.0 GPA

**Students must also enroll in Yearbook/Lunch if offered.*

Yearbook involves the planning and preparation of a 200 + page yearbook. It is necessary to get students who are willing to put in many hours of extra work. It involves photography, sales, copy writing, accurate typing, and extensive use of various software programs.



Family & Consumer Sciences



Introduction to Culinary Arts

Fall and Spring

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

This course focuses on professional food preparation, safety, sanitation, kitchen equipment operations, basic cooking, and basic food science. Lab works includes lunch and dinner preparation, stocks and sauces, and teamwork in a kitchen environment.

Vocational Culinary Arts 1

Fall

Grade: 11, 12

Credit: 1.0

Prerequisites: Permit required; Intro. to Culinary Arts

This course provides principles of application into the hospitality industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, regional and international cuisine, safety, sanitation, and careers in food service industries. All of these concepts can be interpreted through laboratory experiences.



Vocational Culinary Arts 2

Spring

Grade: 11, 12

Credit: 1.0

Prerequisites: Permit required; Voc. Culinary Arts 1

This course expands on the knowledge and skills students acquired in Vocational Culinary Arts 1. The course will concentrate experiences with nutrition concepts, food science, and healthy lifestyles. Students will apply concepts in a lab setting.



Fine & Performing Arts



Grade	9	10	11	12
	Art Fundamentals	Art Fundamentals	Art Fundamentals	Art Fundamentals
	Drawing	Drawing	Drawing	Drawing
	Painting	Advanced Drawing	Advanced Drawing	Advanced Drawing
	Ceramics/Pottery	Painting	Painting	Painting
		Advanced Painting	Advanced Painting	Advanced Painting
	Spanish 1	Ceramics/Pottery	Ceramics/Pottery	Ceramics/Pottery
	Spanish 2	Adv. Ceramics/Pottery	Adv. Ceramics/Pottery	Adv. Ceramics/Pottery
		Art Appreciation 1 (1A)	Art Appreciation 1 (1A)	Art Appreciation 1 (1A)
	Choir	Art Appreciation 2 (2A)	Art Appreciation 2 (2A)	Art Appreciation 2 (2A)
	Children's Theatre	Spanish 1	Spanish 1	Spanish 1
	Acting Techniques	Spanish 2	Spanish 2	Spanish 2
		Spanish 3	Spanish 3	Spanish 3
	Intro to Technical	Spanish 4	Spanish 4	Spanish 4
	Theatre		Spanish 5	Spanish 5
		Choir	Spanish 6	Spanish 6
	Technical Theatre		Topics in Latin American	Topics in Latin American
		Children's Theatre	Literature 1	Literature 1
	Scenic Design for		Topics in Latin American	Topics in Latin American
	Theatre	Acting Techniques	Literature 2	Literature 2
	Competitive		Choir	Choir
	Performance	Technical Theatre		
			Children's Theatre	Children's Theatre
	Competitive	Theatre Production		
	Performance Study		Acting Techniques	Acting Techniques
	Hall	Scenic Design for Theatre		
			Technical Theatre	Technical Theatre
	Stagecraft Study	Competitive		
	Hall	Performance	Theatre Production	Theatre Production
		Competitive	Scenic Design for Theatre	Scenic Design for Theatre
		Performance Study Hall		
			Competitive Performance	Competitive Performance
		Stagecraft Study Hall		
			Competitive Performance	Competitive Performance
			Study Hall	Study Hall
			Stagecraft Study Hall	Stagecraft Study Hall

Fine & Performing Arts, Warrior Band Course Offerings

Grade	9	10	11	12
	Fall Courses: Varsity Marching Band Jr. Varsity Marching Band Jazz Sectional Varsity Woodwinds Sectional Junior Varsity Woodwinds Sectional Varsity Brass and Percussion Sectional Junior Varsity Brass and Percussion Sectional Spring Courses: Wind Ensemble Concert Band Jazz Band Symphonic Band Symphonic Band Sectional Wind Ensemble Woodwinds Sectional Concert Band Woodwinds Sectional Wind Ensemble Brass and Percussion Sectional Concert Band Brass and Percussion Sectional	Fall Courses: Varsity Marching Band Jr. Varsity Marching Band Jazz Sectional Varsity Woodwinds Sectional Junior Varsity Woodwinds Sectional Varsity Brass and Percussion Sectional Junior Varsity Brass and Percussion Sectional Spring Courses: Wind Ensemble Concert Band Jazz Band Symphonic Band Symphonic Band Sectional Wind Ensemble Woodwinds Sectional Concert Band Woodwinds Sectional Wind Ensemble Brass and Percussion Sectional Concert Band Brass and Percussion Sectional	Fall Courses: Varsity Marching Band Jr. Varsity Marching Band Jazz Sectional Varsity Woodwinds Sectional Junior Varsity Woodwinds Sectional Varsity Brass and Percussion Sectional Junior Varsity Brass and Percussion Sectional Spring Courses: Wind Ensemble Concert Band Jazz Band Symphonic Band Symphonic Band Sectional Wind Ensemble Woodwinds Sectional Concert Band Woodwinds Sectional Wind Ensemble Brass and Percussion Sectional Concert Band Brass and Percussion Sectional	Fall Courses: Varsity Marching Band Jr. Varsity Marching Band Jazz Sectional Varsity Woodwinds Sectional Junior Varsity Woodwinds Sectional Varsity Brass and Percussion Sectional Junior Varsity Brass and Percussion Sectional Spring Courses: Wind Ensemble Concert Band Jazz Band Symphonic Band Symphonic Band Sectional Wind Ensemble Woodwinds Sectional Concert Band Woodwinds Sectional Wind Ensemble Brass and Percussion Sectional Concert Band Brass and Percussion Sectional

Art Courses

Art Fundamentals

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None

This first course in art introduces students to the basic concepts of drawing and painting and to the basic materials and terms in art. Study includes color theory, basic shading, linear perspective, design and basic composition.

Drawing

Fall & Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Art Fundamentals

This comprehensive course provides students the knowledge and opportunity to explore drawing and to create individual works of art. The course covers the language, materials and processes of drawing and the design elements and principals supporting a work of art. Media includes pen and ink, pencil, and chalk.

Advanced Drawing

Spring

Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Art Fundamentals, Drawing

This advanced course provides students a further opportunity to explore drawing and to create individual works of art. The instruction regarding the creative process becomes more refined, and students develop their own artistic styles. Exploration of art career opportunities will be discussed. Media includes pen and ink, pencil, and chalk.

Painting

Fall & Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Art Fundamentals



This course provides students the knowledge and opportunity to explore painting and to create individual works of art. The course covers the language, materials, and the design elements and principals supporting a work of art. Students will work with several types of paint including watercolor, tempera, and acrylics. Types of artwork produced may include watercolor landscape, geometric design, still life, and pop art.

Advanced Painting

Spring

Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Art Fundamentals, Painting

This course provides students a further opportunity to explore painting. The creative process becomes more refined and students develop their own artistic styles. Exploration of art career opportunities will be discussed. Emphasis will be on oil painting but will include other media.

Ceramics/Pottery

Fall & Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Art Fundamentals

This course engages students in learning experiences that include the historical and cultural contexts of ceramics, aesthetic inquiry, and creative production. The class will provide knowledge of ceramic technique's (kiln firing, glazing). This course will include pinch, coil, and slab clay hand building techniques.

Art Courses cont.

Advanced Ceramics/Pottery

Spring

Grade: 10, 11, 12

Credit: 0.5

**Prerequisites: Art Fundamentals,
Ceramics/Pottery**

This course engages students in learning experiences that include the historical and cultural context of ceramics, aesthetic inquiry, and creative production. The class will provide knowledge of ceramic techniques (kiln firing, glazing) and processes with an emphasis on creative design and craftsmanship. The course will include pinch, coil, slab, carving, burnishing, and altering clay hard building techniques.



Art Appreciation 1

Fall

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

Art Appreciation is a course study of the art of man from the prehistoric period to the High Renaissance of the 16th century. It is designed to develop a perceptive appreciation of environmental culture and society not only of the past, but also that in which the student now lives. The methods by which this course is offered are through PowerPoint study guides, lectures, slides, movies, and a possible tour of the St. Louis Art Museum and the Cathedral Basilica of St. Louis.

Art Appreciation 2

Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

This course will cover the 16th through 19th Century. The course is designed to develop the student's awareness, appreciation, and response to not only his environment, but also of his fellow humanity. This will be achieved through learning about the past and being able to see its impact on today's society. This includes three aspects: seeing and feeling visual relationships, knowing and understanding about art objects, and gaining some insight into the lives of the individuals who created such works. The course will begin with an overview of the Renaissance and end with the work of the Realists. Methods by which this course is taught are through PowerPoint study guides, lectures, slides, movies, handouts, and a possible field trip.

Art Appreciation 1A

Fall

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA

This course includes the subject matter of Art Appreciation 1 plus two additional assignments/projects relating to the historical periods covered.

Art Appreciation 2A

Spring

Grade: 10, 11, 12

Credit: 0.5

**Prerequisites: 4.5 GPA; Art Appreciation 1
(or 1A) recommended**

This course includes the subject matter of Art Appreciation 2 plus two additional assignments/projects relating to the historical periods covered.

Fine Arts - Choir

Concert Choir

Fall and Spring

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

This course is designed to enhance the musical, creative and expressive qualities of all students. Students will be introduced to and develop basic singing techniques, sight-reading skills and basic music theory concepts. Offered in both Fall and Spring.



Foreign Language

Spanish 1



Fall
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 3.0 GPA in English

Recommended for its practical aspects as a spoken language, this course is an introduction to understand, speak, read and write in Spanish. Emphasis is on comprehension and pronunciation, through pattern drills and question and answer practice. Students repeat and learn basic important phrases. Cultural aspects of the Hispanic world are introduced. Memorization is essential to this course and students should have a C average or higher in English to enroll.

Spanish 2



Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Spanish 1

Emphasis is on comprehension and conversation, through drills and question practice. Vocabulary is expanded as students read from the text and also have short original conversations, utilizing the present tense. Cultural aspects of the Hispanic world will be taught.

Spanish 3



Fall
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Spanish 2

Students will continue oral work of the first year, to strengthen control of grammatical structure, to increase vocabulary and general ability in reading Spanish, and to continue to teach the cultural patterns of the Hispanic world.

Spanish 4



Spring
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Spanish 3

This course focuses on speaking and reading Spanish. The goals are to expand oral work, to practice verb structure, to improve vocabulary and ability in reading, and to teach the cultural pattern and heritage of the Spanish-speaking world.

Spanish 5



Fall
SWIC dual credit offered
Grade: 11, 12
Credit: 0.5
Prerequisites: Spanish 4 **Note: for dual credit, Spanish 5 & 6 must both be taken, 3.25 GPA required.*

This course is a study of contemporary Spanish. It is appropriate for native speakers of the language. A variety of original articles are utilized for reading and discussion, and a review of grammar is conducted. This course is taught chiefly in Spanish.

Spanish 6



Spring
SWIC dual credit offered
Grade: 11, 12
Credit: 0.5
Prerequisites: Spanish 5 **Note: for dual credit Spanish 5 & 6 must both be taken, GPA 3.25 required.*

This course is for the advanced student as well as native speakers of the language. Spanish newspaper and magazine articles and short cultural readings are used as a basis for conversation and the writing of short reports. A concise grammar review is offered to prepare students for college work.

Foreign Language cont.

Topics in Latin American Literature I



Fall

SWIC dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: Spanish 5 & 6; 4.5 GPA.

This course is open to all native speakers of the language. This class is designed as a survey of the literature of Spain, through the reading of short selections of famous works. Discussion of the material and short written reports are utilized. Relevancy to modern Spanish culture is the emphasis. This is an accelerated credit course.

Topics in Latin American Literature II



Spring

SWIC dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: Spanish 5 & 6; 4.5 GPA.

This course is open to native speakers of the language. This class includes short stories from Latin America, chosen from the more famous authors and a wide diversity of countries, to give an overall view of the literature and culture of the area. This is followed by discussion of the material and short written reports are required. This is an accelerated credit course.



Warrior Band Courses Fall

Varsity Marching Band

Fall
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Audition, Permit.

The Marching Warriors Varsity Band is a performance-based ensemble for advanced musicians. Varsity Band provides students with the opportunity to perform advanced music within a competitive marching production. Varsity Band performs at all home football games, parades, concerts, and several marching band competitions. A substantial amount of rehearsal time goes into the preparation of these performances. The student must meet all financial obligations and agree to attend summer rehearsals, GCHS Band Camp, and all after school rehearsals and performances.

Junior Varsity Marching Band

Fall
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Permit

The Marching Warriors Junior Varsity Band is a performance-based ensemble for intermediate musicians. Students in the Junior Varsity Band work on improving their ensemble technique with emphasis on scales, rhythms, intonation, balance, blend, and other marching band basics. This band is designed to help prepare students with skills necessary to participate in Varsity Band. Junior Varsity Band performs at all concerts, parades, and at all home football games. The student must meet all financial obligations and agree to attend all parades and football games.

Jazz Sectional (3-1)

Fall
Grade: 9, 10, 11, 12
Credit: 0.25
Prerequisites: Audition, Permit; concurrent enrollment in Varsity or Jr. Varsity marching band

The Jazz Sectional is for students enrolled in the GCHS Band Program as a jazz performer. Instruction will include individual instrumental performance techniques and concepts of jazz theory containing scales, intervals, chord structure, composition, and jazz history. This sectional is designed to help prepare students with the skills necessary to participate in Jazz Band.

Varsity Woodwinds Sectional (4-1)

Fall
Grade: 9, 10, 11, 12
Credit: 0.25
Prerequisites: Concurrent enrollment in Varsity marching band

This Band Sectional is for students enrolled in the Varsity Band during the fall semester as a flute, oboe, bassoon, clarinet, or saxophone performer. Instruction will include advanced level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, music history, and marching basics.

Warrior Band Courses Fall cont.

Junior Varsity Woodwinds Sectional (4-2)

Fall
Grade: 9, 10, 11, 12
Credit: 0.25
Prerequisites: Concurrent enrollment in Jr. Varsity marching band

This Band Sectional is for students enrolled in the Junior Varsity Band during the fall semester as a flute, oboe, bassoon, clarinet, or saxophone performer. Instruction will include intermediate level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, music history, and marching basics.

Varsity Brass & Percussion Sectional (5-1)

Fall
Grade: 9, 10, 11, 12
Credit: 0.25
Prerequisites: Concurrent enrollment in Varsity marching band

This Band Sectional is for students enrolled in the Varsity Band during the fall semester as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include advanced level individual instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, music history, and marching basics.

Junior Varsity Brass & Percussion Sectional (5-2)

Fall
Grade: 9, 10, 11, 12
Credit: 0.25
Prerequisites: Concurrent enrollment in Jr. Varsity marching band

This Band Sectional is for students enrolled in the Junior Varsity Band during the fall semester as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include intermediate level individual instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, music history, and marching basics.



Warrior Band Courses Spring

Wind Ensemble

Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Audition, Permit

The Wind Ensemble is a performance-based ensemble for advanced musicians. Students in the Wind Ensemble show an above-average understanding of their instrument and display a high level of musical sophistication through their performance skills. Students are given extensive background in all instrumental styles and perform music from all periods. This band performs for school and community events throughout the semester, IMEA auditions, Solo and Ensemble Contest, and other band festivals and competitions. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Concert Band

Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Audition, Permit.

The Concert Band is a performance-based ensemble for intermediate musicians. Students in the Concert Band work on improving their ensemble technique with emphasis on scales, rhythms, intonation, balance, blend, and other related musical skills. This band is designed to help prepare students with skills necessary to participate in Wind Ensemble. The student is given extensive background in all instrumental styles and performs music from all periods. Literature is geared to the members' abilities with emphasis being placed on improvement of tone quality, reading skills and technical proficiency. This band performs for school and community events

throughout the year. Students are encouraged to participate in IMEA auditions and Solo and Ensemble Contest. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Jazz Band

Spring
Grade: 9,10,11,12
Credit: 0.5
Prerequisites: Audition, Permit.
Concurrent enrollment in Symphonic Band, Concert Band, or Wind Ensemble

Jazz Band is a performance-based ensemble designed as a supplemental to the Concert Program. This class will serve as an introduction to the rich history of jazz music. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, the student will gain an understanding and appreciation for this great art form. Emphasis will be placed on not just performance technique, but also rudimentary improvisational skills, musicianship, and a sense of personal accountability. The student must be enrolled in one of the full hour band classes during the regular school day and agrees to attend all after school rehearsals and performances. The jazz band will perform at community events several concerts throughout the school year.

Warrior Band Courses Spring cont.



Symphonic Band

Spring

Grade: 9,10,11,12

Credit: 0.5

Prerequisites: Audition, Permit

Symphonic Band is a performance-based ensemble for beginning to intermediate musicians. Students in the Symphonic Band work on improving their ensemble technique with emphasis on scales, rhythms, intonation, balance, blend and other related musical skills. This band is designed to help prepare students with the skills necessary to participate in Concert Band. The student is given extensive back ground in all instrumental styles and performs music from all periods. Literature is geared to the members' abilities with emphasis being placed on improvement of tone quality, reading skills, and technical proficiency. This band performs for school and community events throughout the year. Attendance at scheduled rehearsals and performances is required and is considered part of the student's grade.

Symphonic Band Sectional

Spring

Grade: 9,10,11,12

Credit: 0.25

Prerequisites: Concurrent enrollment in Symphonic Band

Symphonic Band Sectional is for students enrolled in the GCHS Symphonic Band as a flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include beginning level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history. The band director will place students in the appropriate ½ hour sectional.

Wind Ensemble Woodwinds Sectional (4-1)

Spring

Grade: 9, 10, 11, 12

Credit: 0.25

Prerequisites: Concurrent enrollment in Wind Ensemble

This Band Sectional is for students enrolled in the GCHS Wind Ensemble as a flute, oboe, bassoon, clarinet, or saxophone performer. Instruction will include advanced level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.

Warrior Band Courses Spring cont.

Concert Band Woodwinds Sectional (4-2)

Spring

Grade: 9, 10, 11, 12

Credit: 0.25

Prerequisites: Concurrent enrollment in Concert Band

Band Sectional is for students enrolled in the GCHS Concert Band as a flute, oboe, bassoon, clarinet, or saxophone performer. Instruction will include intermediate level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.

Wind Ensemble Brass and Percussion Sectional (5-1)

Spring

Grade: 9, 10, 11, 12

Credit: 0.25

Prerequisites: Concurrent enrollment in Wind Ensemble

This Band Sectional is for students enrolled in the GCHS Wind Ensemble as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include advanced level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.

Concert Band Brass and Percussion Sectional (5-2)

Spring

Grade: 9, 10, 11, 12

Credit: 0.25

Prerequisites: Concurrent enrollment in Concert Band

Band Sectional is for students enrolled in the GCHS Concert Band as a trumpet, French horn, trombone, baritone, tuba, or percussion performer. Instruction will include intermediate level instrumental performance techniques and concepts of music theory containing scales, intervals, chord structure, composition, and music history.



Fine & Performing Arts Courses



Children's Theatre

Spring

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

In this class, students learn to master the staging, rehearsal process and special techniques needed to successfully perform before a young audience. Emphasis is placed on developing the actor's body, movement, and voice as primary tools for bringing children's characters to life. Through puppetry and live action, students will create a children's theatre script, design a set and perform the project during the semester

Acting Techniques

Fall

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

In this class, students focus on the basics of the acting craft. Emphasis is placed on developing the actor's use of body, movement, and voice. Much attention is given to developing interpretation skills, character traits, stage movement, voice and emotional bonds. Students also learn pantomime and improvisation. These skills are tested in duet acting scenes and scenes from one-act plays.

Intro to Technical Theatre

Fall

Grade: 9

Credit: 0.5

Prerequisites: None

Safety goggles required to be worn.

This course introduces students to the basic skills needed for technical theatre courses. Students will develop their skills and receive hands-on experience in several aspects of theatre including: painting, design, pre and post production functions and responsibilities, and participation in public productions. Students will also explore a relationship with power tools and other Theatrical mediums. Students must commit to working one event in the Performing Arts.

Technical Theatre

Fall

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

Safety goggles required to be worn.

This course helps students develop skills by creating hands-on opportunities in several aspects of theatre: construction, design, lighting, sound, pre and post production functions and responsibilities, participation in public production, makeup, and stage management. Students must be committed to working one event in the Performing Arts.

Fine & Performing Arts cont.

Theatre Production

Spring	
Grade	10, 11, 12
Credit	0.5
Prerequisites:	Technical Theatre or teacher recommendation. Permit required

Safety goggles required to be worn.

This course aids students in further developing multiple skills in producing theatre. Construction, design, lighting, sound, production functions and responsibilities will be reinforced and expanded upon. Students must be committed to working one event in the Performing Arts.

Scenic Design for Theatre

Spring	
Grade:	9, 10, 11, 12
Credit:	0.5
Prerequisites:	None
Safety goggles required to be worn.	

This course exposes students to different types of theatrical techniques including theatrical safety, technical terminology, theatre history, basic construction, and design techniques. Students must be committed to working one event in the Performing Arts.

Competitive Performance

Fall	
Grade:	9, 10, 11, 12
Credit:	0.5
Prerequisites:	Permit required

Students will explore the elements of public speaking, conduct research, interpret modern literature, read/cut/compose competition scripts, explore the elements of argumentation and debate, and compose public presentations. Students will participate in practice debates,

presentation rehearsals, peer critique and mentoring, present portfolio assignments in class, and compete in at least two interscholastic speech and debate tournaments per semester. Students in the course may also attend after school practices.

Study Hall Options

Stagecraft Study Hall

Fall and Spring	
Grade:	10, 11, 12
Credit:	0.25
Prerequisites:	None; permit required

This study hall is a complement to the Technical Theatre and Scenic Design courses. Students will participate in stage craft design.

Competitive Performance Study Hall

Fall and Spring	
Grade:	9, 10, 11, 12
Credit:	0.25
Prerequisites:	New and continuing competition students; permit required

Students will participate in practice debates, presentation rehearsals, peer critique and mentoring to prepare for tournaments and competitions.

Industrial Technology Department

Grade	9-10	11	12
	Automotive Technology	Automotive Technology	Automotive Technology
	Electricity	Electricity	Electricity
	Machine Tool Technology	Machine Tool Technology	Machine Tool Technology
	Building Trades	Building Trades	Building Trades
	Welding Technology	Welding Technology	Welding Technology
		Vocational Auto Technology 1 Vocational Auto Technology 2	Vocational Auto Technology 1 Vocational Auto Technology 2 Vocational Auto Technology 3 Vocational Auto Technology 4
		Vocational Electronics 1 Vocational Electronics 2	Vocational Electronics 1 Vocational Electronics 2 Vocational Electronics 3 Vocational Electronics 4
		Vocational Machine Tool Technology 1 Vocational Machine Tool Technology 2	Vocational Machine Tool Technology 1 Vocational Machine Tool Technology 2 Vocational Machine Tool Technology 3 Vocational Machine Tool Technology 4
		Vocational Building Trades 1 Vocational Building Trades 2	Vocational Building Trades 1 Vocational Building Trades 2 Vocational Building Trades 3 Vocational Building Trades 4
		Vocational Welding 1 Vocational Welding 2	Vocational Welding 1 Vocational Welding 2 Vocational Welding 3 Vocational Welding 4



Automotive Technology

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None (preference given to 10th graders planning to enroll in Voc. Auto Program if space is limited.)

This course is designed for anyone who is or may someday be responsible for the maintenance of a car. How often should fluids and filters be changed? How is this done? What should be considered when buying a battery or tires? This information and more will be supplied to anyone who wants to take this course as their first, and probably only, course in automotive maintenance and troubleshooting. This same basic information will benefit people who plan to continue in this area of study. This course is the prerequisite for Vocational Auto Technology.

Vocational Automotive Technology 1

Fall

Grade: 11, 12
Credit: 1.0
Prerequisites: Permit required

This is the first course in a four-semester program. This two-hour course will provide technical training to students who want to work in some area of the automotive technology field. The program is designed for students who plan to continue technical training after high school, but it will be equally valuable for students who plan no further training. It combines theoretical and practical learning experiences.

Vocational Automotive Technology 2

Spring

Grade: 11, 12
Credit: 1.0
Prerequisites: Voc. Auto 1; Permit

This two-hour course will continue to provide hands-on experiences to help develop the technical skills in the automotive area developed in Voc. Auto Tech 1.

Vocational Automotive Technology 3

Fall

Grade: 12
Credit: 1.0
Prerequisites: Voc. Auto 2; Permit

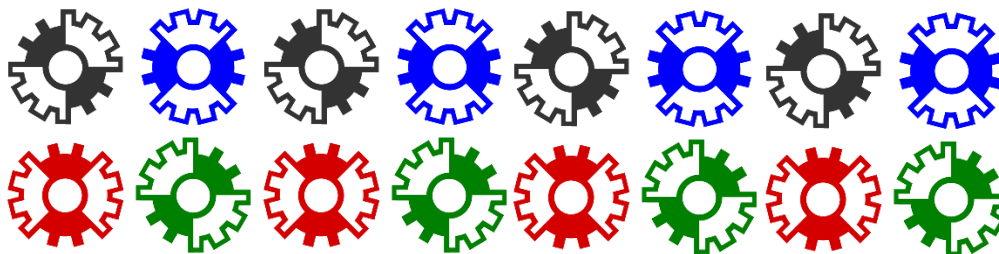
This is a two-hour course in which students will continue to develop their technical skills. During this course the focus will be on post-graduation employment and/or training. Students will visit tech schools, check the job market, prepare for certification testing, etc.

Vocational Automotive Technology 4

Spring

Grade: 12
Credit: 1.0
Prerequisites: Voc. Auto 3; Permit

This is the final two-hour course for the two-year program. Workplace skills and career competencies will be emphasized.



Industrial Technology cont.

Electricity

Fall and Spring

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

This electricity course is technical training divided into two sections, industrial and residential electricity. This knowledge will be obtained by both theory and direct hands-on training. By completing this course the students will show an understanding of basic principles, as well as knowledge of systems they apply to. This goal will be completed through the use of textbooks, lab manuals, industrial control trainers, and by practical hands-on applications.

Vocational Electronics 1

Fall

Grade: 11, 12

Credit: 1.0

Prerequisites: Permit; Solid math skills recommended

This is the first course in a four-semester program. The purpose of this two-hour course is to provide occupational training in the electronic and electrical fields for those students desiring to pursue a respectable, challenging, and rewarding occupation upon graduation from high school. It will also be of considerable value to those students aspiring to further their studies of electronics and electricity in post-secondary technical schools, two-year associate degree institutions, apprenticeship programs, or Electronic/Electrical Engineering degrees. Throughout the course, emphasis is placed upon applying theory to practical laboratory learning experiences. This incorporates the use and application of modern electronics test equipment and hand tools.

Vocational Electronics 2

Spring

Grade: 11, 12

Credit: 1.0

Prerequisites: Voc. Elec 1 or Permit; Solid math skills recommended

This two-hour course is a continuation of the development of the skills introduced in Vocational Electronics 1.

Vocational Electronics 3

*Vocational Electronics 3 &4 must both be taken for dual credit with SWIC.

Fall

SWIC dual credit offered

Grade: 12

Credit: 1.0

Prerequisites: Voc. Elec 2 or Permit; Solid math skills recommended

This two-hour course is a continuation of the skills identified in Vocational Electronics 2.

Vocational Electronics 4



Spring

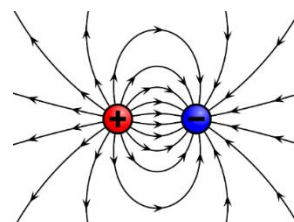
SWIC dual credit offered

Grade: 12

Credit: 1.0

Prerequisites: Voc. Elec 3 or Permit; Solid math skills recommended.

This two-hour course is the final course in the Vocational Electronics Program. Workplace skills will be emphasized.



Industrial Technology cont.

Machine Tool Technology

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None; Solid math skills recommended

This course is designed as the entry-level course for Vocational Machine Shop, but it is not limited to only those students but also those wishing to explore this vocational skill area. Emphasis is placed on layout, bench operations, and basic machine shop equipment such as the drill press, metal lathe, and others of interest to the student. General information is given about the various metals, materials, and processes.

Vocational Machine Tool Technology 1

*Vocational Mach Tool Tech 1 &2 must both be taken for dual credit with SWIC.

Fall

SWIC dual credit offered

Grade: 11, 12
Credit: 1.0
Prerequisites: Permit; Highly Recommended: Machine Tool Tech., Welding, and Higher Math

This is the first course in a four-semester program. The purpose of this two-hour course is to place emphasis on layout, bench procedures, and basic machine operations. The student will work with the various layout and hand tools. In addition, they will use machines such as the drill press (bench and radial), metal lathe, milling (vertical and horizontal), shaper, metal cutting band saws (vertical and horizontal) and the C.N.C. machine. Instructions in the proper use of metals, materials, and processes will also be a part of this course.

Vocational Machine Tool Technology 2

Spring

SWIC dual credit offered

Grade: 11, 12
Credit: 1.0
Prerequisites: Voc. Mach Tool 1 or Permit;
Highly Recommended: Machine Tool Tech., Welding, and Higher Math



This two-hour course is a continuation of the skills and knowledge introduced in Vocational Machine Tool Technology 1. The student will continue to develop those skills and refine their ability to carry out instructions with minimal supervision.

Vocational Machine Tool Technology 3

*Vocational Mach Tool Tech 3 &4 must both be taken for dual credit with SWIC

Fall

Dual credit with SWIC

Grade: 12
Credit: 1.0
Prerequisites: Voc. Mach Tool 2 or Permit;
Highly Recommended: Machine Tool Tech., Welding, and Higher Math

This two-hour course will be a continuation of Vocational Machine Tool Tech 1 and 2 with emphasis placed on advanced layout and machine operations. Use of the milling machine (vertical and horizontal), grinders (cylindrical and surface), proper usage of materials and processes will be an integral part of the course.



Industrial Technology cont.

Vocational Machine Tool Technology 4

Spring

SWIC dual credit offered

Grade: 12

Credit: 1.0

Prerequisites: Voc. Mach Tool 3 or Permit;
Highly Recommended:
Machine Tool Tech.,
Welding, and Higher Math



This two-hour course is the final course in the Vocational Machining Program. This course will help to refine skills, knowledge, and workplace abilities introduced in the first three semesters of the program. Students will have developed the entry level skills for the occupational field of machining or may choose to continue their studies at a technical school or community college.

Building Trades

Fall and Spring

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

In this course students will receive introductory skills in the use of woodworking machines and techniques. This course will provide the student with knowledge of the skills necessary for the Building Trades, such as math and formulas used special set-ups for equipment, figuring materials and costs, designing, planning, and being able to follow these plans and demonstrating the ability to follow instructions. This is a prerequisite for the Vocational Building Trades Program.

Vocational Building Trades 1

*Vocational Bldg. Trades 1 &2 must both be taken for dual credit with SWIC

Fall

SWIC dual credit offered

Grade: 11, 12

Credit: 1.25

Prerequisites: Permit; Solid math skills recommended

This is the first course in a four-semester program. The purpose of this 2 ½ hour course is to provide the student knowledge and skills regarding jobs in the construction field by participating in the following: carpentry, masonry, painting, concrete work, roofing, and dry walling. A modern house is completed by the students. The course covers related instruction necessary to accomplish this goal, such as: blueprint reading, job planning, basic manipulative skills, computations, proper work habits, and the use of hand and machine tools. Through these experiences the student is able to decide which area of the construction industry he/she wants to enter.

Vocational Building Trades 2

Spring

SWIC dual credit offered

Grade: 11, 12

Credit: 1.25

Prerequisites: Voc. Bldg. Trades 1 or Permit; Solid Math Skills Recommended



This 2 1/2-hour course is a continuation of Vocational Building Trades 1. Students will gain more experience in developing workplace skills in this field of study.



Industrial Technology cont.

Vocational Building Trades 3

Fall

Grade: 11, 12
Credit: 1.25
Prerequisites: Voc. Bldg. Trades 2 or Permit; Solid Math Skills Recommended

This 2 1/2-hour course is a continuation of Vocational Building Trades 2. Students continue to develop their hands-on skills in the construction field as well as refine their teamwork ability and their workplace skills.

Vocational Building Trades 4

Spring

Grade: 12
Credit: 1.25
Prerequisites: Voc. Bldg. Trades 3 or Permit; Solid Math Skills Recommended

This 2 1/2-hour course is the final course in the Vocational Building Trades program. Workplace skills and career competencies will be emphasized.

Welding Technology

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None

This course is designed to introduce the student to combination welding processes, applications and techniques. Learning to work safely in team concept will be stressed in this industrial training environment. Basic set-up and operation of welding and cutting will be studied and applied through hands-on demonstrations by the instructor

and student lab practice exercises. This course offers an excellent opportunity for all technical, trade, and career-minded students (including engineering) to gain multi-introductory skills in welding technology.

Vocational Welding Technology 1

*Vocational Welding 1 & 2 must both be taken for dual credit with SWIC

Fall

SWIC dual credit offered

Grade: 11, 12
Credit: 1.0
Prerequisites: Permit; Recommended: Welding Tech, Machine Tech, Electronics

This is the first course in a four-semester program. The purpose of this course is to provide the student knowledge and skills to enhance their potential for success in this very interesting and rewarding field of work/learning. Students receive training in oxy-fuel gas cutting and welding, plasma arc cutting, shielded metal arc, gas metal arc, flux cored arc, and gas tungsten arc welding. In position work, we will progress to all positions in each process. Blueprint reading, welding terms, definitions, symbols and total team safety will be studied and applied.

Vocational Welding Technology 2

Spring

SWIC dual credit offered

Grade: 11, 12
Credit: 1.0
Prerequisites: Voc. Welding 1 or Permit

This two-hour course is a continuation of Vocational Welding 1. Students will be provided with experiences to further develop the skills introduced in the first semester of this program.



Industrial Technology cont.

Both courses must be taken for dual credit with SWIC.

Vocational Welding Technology 3

*Vocational Welding 3&4 must both be taken for dual credit with SWIC

Fall

SWIC dual credit offered

Grade: 12

Credit: 1.0

Prerequisites: Voc. Welding 2 or Permit

This two-hour course is a continuation of the basic fundamentals learned in Voc. Welding 1 and 2. Students will be introduced to more advanced techniques, principles, applications and procedures. The course offers advanced training in shielded metal arc, gas metal arc, gas tungsten arc, flux cored arc welding, plasma arc cutting, and oxy fuel gas cutting operations. Students will gain hands-on experience in planning, layout and fit up as they learn to work from drawings and sketches. Students will be introduced to maintenance and repair welding applications. The aim of this course will be to help prepare the student to meet or exceed AWS Entry-Level Welder Qualifications. All students who qualify and meet all requirements will have an excellent opportunity to begin college at an advanced level and much closer to meeting the demands of modern industry. Safety will be studied and applied in all lab experiences.

Vocational Welding Technology 4

Spring

SWIC dual credit offered

Grade: 12

Credit: 1.0

Prerequisites: Voc. Welding 3 or Permit.

This two-hour course is the final course in the Vocational Machining Program. Students will continue to refine the skills identified and will have an opportunity for more hands-on procedures. Students will also continue to develop their workplace skills and work to develop those skills necessary for entry-level employment and/or further development of their skills by entering post-secondary education and training.



Mathematics Department



Grade	9	10	11	12
	Algebra 1 Algebra 2	Geometry 1 Geometry 2	Algebra 3 Algebra 4	Pre-Calculus 1 Pre-calculus 2
	Algebra 1A Algebra 2A	Geometry 1A Geometry 2A	Algebra 3A Algebra 4A	Pre-Calculus 1A Pre-Calculus 2A
	Geometry 1A Geometry 2A	Algebra 3A Algebra 4A	Algebraic Computer Programming	AP Calculus 1A AP Calculus 2A
	Algebra Fundamentals Algebra Concepts 1	Algebra 3 Algebra 4	Pre-Calculus 1A Pre-Calculus 2A	Survey of Advanced Math 1 Survey of Advanced Math 2
	Literacy & Numeric Success (elective)	Algebraic Computer Programming	Pre-Calculus 1 Pre-Calculus 2	Algebra 1 Algebra 2
		Geometry Concepts 1 Geometry Concepts 2	Algebra Concepts 2 Applied Algebra	Geometry 1 Geometry 2
		Algebra 1 Algebra 2	Survey of Advanced Math 1 Survey of Advanced Math 2	Algebra 3 Algebra 4
		Algebra Fundamentals Algebra Concepts 1	Algebra 1 Algebra 2	Algebra Fundamentals Algebra Concepts 1
			Geometry 1 Geometry 2	Algebraic Computer Programming
			Algebra Fundamentals Algebra Concepts 1	Geometry Concepts 1 Geometry Concepts 2
			Geometry Concepts 1 Geometry Concepts 2	Algebra Concepts 2 Applied Algebra
				Quantitative Literacy and Statistics

Revised 1/9/2019

Refer to next page for recommended sequence of math courses by grade level.

Mathematics Department, Recommended Sequence



Grade	9	10	11	12
College Prep	Algebra 1 Algebra 2	Geometry 1 Geometry 2	Algebra 3 Algebra 4	Pre-Calculus 1 Pre-Calculus 2
	Algebra 1A Algebra 2A	Geometry 1A Geometry 2A	Algebra 3A Algebra 4A	Pre-Calculus 1A Pre-Calculus 2A
	Geometry 1A Geometry 2A	Algebra 3A Algebra 4A	Pre-Calculus 1A Pre-Calculus 2A	AP Calculus 1A AP Calculus 2A
Tech Prep	----- Algebra Fundamentals Algebra Concepts 1	----- Geometry Concepts 1 Geometry Concepts 2	----- Algebra Concepts 2 Applied Algebra	----- Algebra 1 Algebra 2
		Algebra 1 Algebra 2	Geometry 1 Geometry 2	Algebra 3 Algebra 4
Other offerings available if student gets out of above course sequence	-----	----- Algebra 3 Algebra 4	----- Pre-Calculus 1 Pre-Calculus 2	----- Geometry 1 Geometry 2
		Algebra Fundamentals Algebra Concepts 1	Geometry Concepts 1 Geometry Concepts 2	Algebra Fundamentals Algebra Concepts 1
			Algebra 1 Algebra 2	Geometry Concepts 1 Geometry Concepts 2
			Algebra Fundamentals Algebra Concepts 1	Algebra Concepts 2 Applied Algebra
			Survey of Advanced Math 1 Survey of Advanced Math 2	Survey of Advanced Math 1 Survey of Advanced Math 2
			Quantitative Literacy and Statistics	

Revised 1/9/2019

Math, Algebra Courses

Algebra 1



Fall
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Incoming freshman; math 3.0 GPA

This course focuses on the use of symbols (variables) to represent numbers. Algebra is a skill subject that requires practice and a prerequisite for all other high school level math and beyond. Each new concept is followed by a set of exercises designed to "fix" the idea in the student's mind. Emphasis will be placed on representing situations with linear equations as well as solving and graphing linear equations and inequalities

Algebra 1A



Fall
Grade: 9
Credit: 0.5
Prerequisites: Incoming freshman; math 4.5 GPA

This is an accelerated course which includes the subject matter of Algebra 1 plus supplemental material.

Algebra 2



Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Algebra 1

This course includes topics of graphing and solving functions both linear and non-linear such as exponentials and quadratic. Special products, factoring, and properties of radicals and exponentials will also be explored.

Algebra 2A



Spring
Grade: 9
Credit: 0.5
Prerequisites: Algebra 1A earning a grade of C or higher

This is an accelerated course which includes the subject matter of Algebra 2 plus supplemental material.

Algebra 3



Fall
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Algebra 2

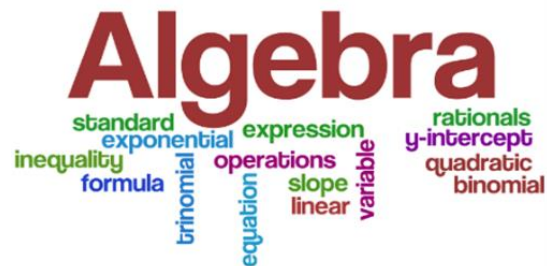
This course includes a review of the algebraic skills from a more advanced point of view. Emphasis is placed on the following concepts: functions including linear, quadratic and polynomial, their domain and range, systems, and complex numbers.

Algebra 3A



Fall
Grade: 10, 11
Credit: 0.5
Prerequisites: math 4.5 GPA, OR Algebra 2 or 2A earning a grade of C or higher. *May double up with Pre-Calculus 1 if earned an A in Geometry 2A and obtains Dept. Chair permission*

This is an accelerated course which covers the subject matter of Algebra 3 plus supplemental material.



Math, Algebra Courses

Algebra 4



Spring
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Algebra 3

This course is an introduction to topics covered in college mathematics, including graphing, logarithms, analysis of function, sequences and series, binomial expansion, quadratic equations, conics, polynomial expressions and functions.

Algebra 4A



Spring
Grade: 10, 11
Credit: 0.5
Prerequisites: **Algebra 3A earning a grade of C or higher. *May double up with Pre-Calculus 2 if doubled up in Algebra 3A/Pre-Calculus 1. May take Pre-Calculus 2A if earned an A in both Algebra 3A, Pre-Calculus 1, with Guidance/Dept. Chair/Asst. Principal approval***

This is an accelerated course which covers the subject matter of Algebra 4 plus supplemental material.

Algebra Fundamentals

Fall and Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: **Incoming freshman math GPA below 3.0 (failed Alg 1)**

Entry level math course for student not prepared to take college level Algebra 1 course. The focus of this course will be on number sense with real numbers; translating situations into mathematical symbols and solving for an unknown; and solving linear equations.

Algebra Concepts 1

Fall and Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: **Algebra Fundamentals OR failed Alg. 2**

This course is designed for the student who has struggled with math. It will reinforce the development of Algebra Skills.

Algebra Concepts 2

Fall and Spring
Grade: 11, 12
Credit: 0.5
Prerequisites: **Alg. Con. 1**

This course fulfills the second semester Algebra focused course requirement for upper level students needing to complete their 3rd year graduation requirement in math. This course does not count as college bound credit. This course is usually taken after completing Geometry Concepts 2 or equivalent course

Applied Algebra

Fall and Spring
Grade: 11, 12
Credit: 0.5
Prerequisites: **Algebra Concepts 2 (and not passed Alg 2)**

This course will explore the applications of various math concepts including probability and statistics, geometric concepts and right triangle trigonometry.

Math, Algebraic Computer Programming, Geometry Courses

Algebraic Computer Programming

Fall and Spring

Grade: 10-12
Credit: 0.5
Prerequisites: Algebra 2 or 2A, (or Geometry 2 or 2A if took at 9th grader) OR Algebra Concepts 2 AND Intro. To Video Game Design & Coding

Geometry 1



Fall
Grade: 10, 11, 12
Credit: 0.5
Prerequisites:

Algebra 2. May double up with Algebra 3 with Guidance/Dept. Chair/Asst. Principal approval

This course is designed to cultivate thinking and reasoning. Students will be able to make conclusions based upon prior learning and a first-time exposure to a formal mathematics structure.

Geometry 1A



Fall
Grade: 9, 10
Credit: 0.5
Prerequisites: Algebra 2 or 2A earning a grade of C or higher.
Incoming Freshman: math GPA 4.5 and Algebra in 8th grade. May double up with Algebra 3 if earned an A in Algebra 2A and obtains Math Dept. Chair permission. THIS is the PREFERRED course to double if desire is to take Calculus senior year

This is an accelerated course that contains essentially the same subject matter as does Geometry 1 plus supplemental materials and additional work on more complex proofs and problems.

Geometry 2



Spring
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Geometry 1

This course is a continuation of Geometry 1. The material from Geometry 1 is used to prove and solve other problems and theorems. The major concerns are similar triangles and other polygons, right triangles, ratio and proportion of line segments related to the triangles and polygons, circles and related lines and line segments, and coordinate geometry.

Geometry 2A



Spring
Grade: 9, 10
Credit: 0.5
Prerequisites: Geometry 1A earning a grade of C or higher. **May double up with Algebra 4 if doubled up in Geometry 1A/Algebra 3. This is the PREFERRED course to double if desire is to take Calculus senior year**

This is an accelerated course that contains essentially the same subject matter as does Geometry 2 plus the supplemental materials and more work is done on the more involved topics.

Math, Practices for Success, Geometry Courses, Survey Courses

Literacy & Numeric Success

Fall and Spring

Grade: 9, 10
Credit: 0.5
Prerequisites: GPA, teacher or counselor recommendation

This course is designed for students needing supports in math computations and problem solving to find success in Algebra 1 or Algebra 2.

Geometry Concepts 1

Fall and Spring

Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Algebra Concepts 1 (or Geometry 1 failure). *Senior may double up with Algebra Concepts if graduation requirement with Guidance/Dept. Chair/ Admin approval.*

This course introduces students to the basic elements of Geometry: points, lines, planes, segments, and angles. The following topics are also covered: segment and angle relationships, relationships among angles formed by a transversal and parallel lines, perpendicular lines, triangles and properties/theorems related to angles and sides of a triangle, and the Pythagorean Theorem. Deductive reasoning is used to prove that two triangles are congruent.

Geometry Concepts 2

Fall and Spring

Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Geometry Concepts 1 (or Geometry 1, Geometry 2 failure). *Senior may double up with Algebra Concepts if graduation requirement with Guidance/Dept. Chair/ Admin approval.*

In this course students will be expected to interpret and apply properties related to many two- and three-dimensional geometric shapes. Topics to be covered include: area, surface area, volume, scale factor, Pythagorean Theorem, and trigonometric functions.

Quantitative Literacy & Statistics

Spring

Grade: 12
Credit: 0.5
Prerequisites: Completion of high school math graduation requirement.

This course is designed as a transitional math course intended for students who are not projected ready for college-level math at the end of their senior year. This course focuses on attaining competency in general statistics, data analysis, quantitative literacy, and problem solving.

Survey of Advanced Math 1

Fall and Spring

Grade: 11, 12
Credit: 0.5
Prerequisites: Algebra 3 failure or Dept. Chair recommendation

This course is designed for the college bound student who needs a third year of math and whose skills are not strong enough to succeed in Algebra 3 & 4 yet.

Survey of Advanced Math 2

Fall and Spring

Grade: 11, 12
Credit: 0.5
Prerequisites: Survey of Adv Math 1 or Alg 4 failure

This course is a continuation of the first semester class.

Math, Calculus Courses

Pre-Calculus 1



Fall
Grade: 11, 12
Credit: 0.5
Prerequisites: Algebra 4

This course will explore elementary functions and math analysis in preparation for Calculus. Topics include study of complex numbers, polynomials, rational functions and conics, exponential and logarithmic functions and matrices.

Pre-Calculus 1A



Fall
Grade: 11, 12
Credit: 0.5
Prerequisites: math 4.5 GPA, or Algebra 4 or 4A earning a grade of C or higher.

This is an accelerated course which includes the subject matter of Pre-Calculus 1 plus supplemental material. Systems of multi-variable equations and matrices will also be explored.

Pre-Calculus 2



Spring
MTS28 Grade: 11, 12
Credit: 0.5
Prerequisites: Recommended: Pre-Calc. 1

This course will explore trigonometry and analytic geometry which will include working with right and oblique triangles; the polar coordinate system; and mathematical induction.

Pre-Calculus 2A



Spring
Grade: 11, 12
Credit: 0.5
Prerequisites: math 4.5 GPA, or Pre-Calc. 1 or 1A earning a grade of C or higher.

This is an accelerated course which includes the subject matter of Pre-Calculus 2 plus supplemental material.

AP Calculus 1A



Fall
****SLU 1818 dual credit offered***
Grade: 12
Credit: 0.5
Prerequisites: Pre-Calc. 2; ****Note: for dual credit with SLU 1818, both semesters of Calculus must be taken***

This college-level course receives accelerated credit. This is the first of two sequential courses that provide a thorough background for the students who will be attending colleges with very high academic expectations. This course AB Calculus curriculum including relations, functions and graphs, limits and continuity, differentiation of algebraic functions, applications of differentiation, methods of integration, and applications of integrals.

AP Calculus 2A



Spring
****SLU 1818 dual credit offered***
Grade: 12
Credit: 0.5
Prerequisites: AP Calc. 1A; ****Note: for dual credit at SLU, both semesters of Calculus must be taken***

This is the second semester of this college-level topic. It provides a continuation of the exploration and development of skills introduced in the first semester.

Physical Education Department



UNIFORM REQUIREMENT:

1. **Tops** - Plain red t-shirt with sleeves. First initial and last name are to be visibly marked, on TOP, FRONT half of shirt., **OR** any red GCHS Warrior t-shirt.
2. **Bottoms** - Any plain black shorts, sweatpants or leggings.
3. **Shoes** – athletic shoes with laces. No sandals, flipflops, open-toe shoes, or boots. Also, no shoes that may cause damage to gym floors.
4. Senior Dance students will not have a required uniform.

PE GRADING:

- Daily points for Dress, 5 pts each - proper top, bottoms, shoes.
- Daily points for Participation, 5 pts each – arriving on time and staying until dismissed, daily warm up, completing daily activities.
- Completion of pre-assessment and post-assessments – twice per quarter
- Make up work given at teacher discretion. Students must be present for 2/3 of each quarter to earn a passing grade. Students must be present 2/3 of each class period to earn daily points.



Physical Education



Fall and Spring

SWIC dual credit offered in selective PE offerings when taken for two consecutive quarters

Grade: 9, 10, 11, 12
Credit: 0.25 per 9 weeks
Prerequisites: None

Activities include the traditional team sports, combatives, dance, lifetime sports and personal development courses. Personal development includes weight training and aerobics, jogging/ walking for fitness. Each activity unit stresses the development of the basic skills with opportunities for testing the acquired skills and knowledge in written tests and game situations. All appropriate classes are co-educational. All classes choose the activity in which they wish to engage (within the limits of available staff and facilities). Activities include: touch football, basketball, soccer, and ping-pong. Lifetime sports include: softball, tennis, volleyball, walking, etc.

Adaptive Physical Education 1

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.25 per 9 weeks
Prerequisites: Permit; IEP, Doctor Recommendation

This course is limited to students with medical problems that prevent any participation in the standard physical education program. A comprehensive case study, including physician's recommendation, is required.

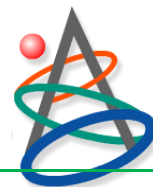


Adaptive Physical Education 2

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.25 per 9 weeks
Prerequisites: Permit; IEP, Doctor Recommendation

This course is limited to students with medical problems that prevent any participation in the standard physical education program. A comprehensive case study, including physician's recommendation, is required.



Grade	9	10	11	12
	Biology 1 Biology 1A	Biology 1 Biology 1A	Biology 1 Biology 1A	Biology 1 Biology 1A
	Biology 2 Biology 2A	Biology 2 Biology 2A	Biology 2 Biology 2A	Biology 2 Biology 2A
	Intro Biology	Chemistry 1 Chemistry 1A	AP Biology 3A AP Biology 4A	AP Biology 3A AP Biology 4A
	Intro Earth Science	Chemistry 2 Chemistry 2A	Chemistry 1 Chemistry 1A	Chemistry 1 Chemistry 1A
	Health	Earth and Space 1 Earth and Space 2	Chemistry 2 Chemistry 2A	Chemistry 2 Chemistry 2A
		Intro Chemistry Intro Physics	Chemistry 3A Chemistry 4A	Chemistry 3A Chemistry 4A
			Physics 1 Physics 1A	Physics 1 Physics 1A
			Physics 2 Physics 2A	Physics 2 Physics 2A
			Anatomy & Physiology 1 Anatomy & Physiology 2	Anatomy & Physiology 1 Anatomy & Physiology 2
			Anatomy & Physiology 1A Anatomy & Physiology 2A	Anatomy & Physiology 1A Anatomy & Physiology 2A
			Earth and Space 1 Earth and Space 2	Earth and Space 1 Earth and Space 2
			Environmental Science 1 Environmental Science 1A	Environmental Science 1 Environmental Science 1A
			Environmental Science 2 Environmental Science 2A	Environmental Science 2 Environmental Science 2A

Science, Biology Courses

Health

Fall and Spring

Grade: 9
Credit: 0.5
Prerequisites: None

This one-semester course includes the following units of study: mental health, human growth and development, drugs, smoking, nutrition, non-communicable diseases, personal health, safety education, public and environmental health, ecology, dental health, and disaster survival.

Training on how to properly administer cardiopulmonary resuscitation (CPR) and how to use an automated external defibrillator (AED) are incorporated in this course.

Introduction to Biology



Fall and Spring

Grade: 9,10,11
Credit: 0.5
Prerequisites: None; *lab class*

This is a one semester course for Tech Prep students which incorporates lab work. Topics studied include: cells, plants, viruses, animals, genetics, ecology, and ethical issues.

Biology 1



Fall

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: Incoming Freshman 3.0 GPA

This course surveys the field of biology. Stress is given to terminology and the complexity of organisms. Units of study include the cell, photosynthesis, evolution, invertebrate animals, and, the dissection of various laboratory specimens and various laboratory experiments.

Biology 1A



Fall

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area

This course gives a more extensive coverage of the topics in Biology 1. More extensive lab work is included as well.

Biology 2



Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 3.0 GPA; Bio. 1 recommended

Units of study include vertebrate animals, genetics, ecology, plants, the dissection of various laboratory specimens and various laboratory experiments.

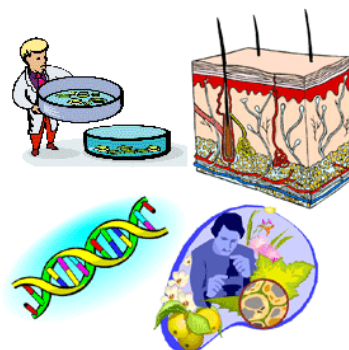
Biology 2A



Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area

This course gives a more extensive coverage of the topics in Biology 2. More extensive lab work is included as well.



Science, Biology Courses cont.

AP Biology 3A



Fall

**SLU 1818 dual credit offered*

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area. **Note: For dual credit with SLU 1818, both semesters must be taken*

Emphasis on science as a process, experience in scientific inquiry, recognition of unifying themes that integrate the major topics of biology, application of biological knowledge, and critical thinking to environmental and social concerns. Major topics include Biochemistry, Cell Biology, Anatomy & Physiology, Inheritance, Molecular Biology, Evolution, and Ecology. Fulfills AP Biology's lab requirements; minimal of 25% of class time spent in lab.

AP Biology 4A



Spring

**SLU 1818 dual credit offered*

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area. **Note: For dual credit with SLU 1818, both semesters must be taken*

Emphasis on science as a process; experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; application of biological knowledge and critical thinking to environmental and social concerns. Major topics include Biochemistry, Cell Biology, Anatomy & Physiology, Inheritance, Molecular Biology, Evolution, and Ecology. Fulfills AP Biology's lab requirements; minimal of 25% of class time spent in lab.

Anatomy & Physiology 1



Fall

Grade: 11, 12

Credit: 0.5

Prerequisites: GPA 3.0; Passed Bio 1&2

This is an introduction to a study of the human body with special references to the skeleton and muscles, the physic-chemical basis of life, the nervous system, tissues, membranes, and cell physiology. Students should be prepared to perform various dissections.

Anatomy & Physiology 1A



Fall

Grade: 11, 12

Credit: 0.5

Prerequisites: GPA 4.5

This is an introduction to a study of the human body with special references to the skeleton and muscles, the physic-chemical basis of life, the nervous system, tissues, membranes, and cell physiology. Students should be prepared to perform various dissections. Additional coursework is required in this accelerated section.

Anatomy & Physiology 2



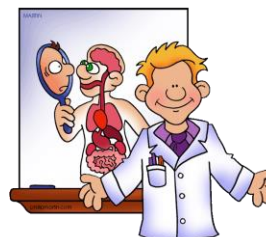
Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: GPA 3.0; Passed Bio 1&2

This is a continuation of the study of body systems including: the special senses, circulatory, excretory, digestive, reproductive, and endocrine systems. Students should be prepared to perform various dissections.



Science, Chemistry Courses

Anatomy & Physiology 2A



Spring
Grade: 11, 12
Credit: 0.5
Prerequisites: GPA 3.0; Passed Bio 1&2

This is a continuation of the study of body systems including: the special senses, circulatory, excretory, digestive, reproductive, and endocrine systems. Students should be prepared to perform various dissections. Additional coursework is required in this accelerated section.

Introduction to Chemistry



Fall and Spring
Grade: 10,11
Credit: 0.5
Prerequisites: None; *lab class*

This is a one semester course for Tech Prep students which incorporates lab work. Topics studied include: the metric system, atomic theory, chemical bonding, formula and equation writing, gases, chemical math, solutions, and acid/base chemistry.

Chemistry 1



Fall
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: GPA 3.0; Passed Bio 1&2 and Alg 1&2 with a C grade or better

This course surveys the field of chemistry. Topics include: the metric system, matter & energy, atomic theory, nuclear chemistry nomenclature, chemical reactions, chemical composition, and stoichiometry. Extensive laboratory work will be used to help the student become familiar with each of the topics.

Chemistry 1A



Fall
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area

This course provides more extensive coverage of the topics in Chemistry 1 as well as more extensive lab work.

Chemistry 2



Spring
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: GPA 3.0; Chemistry 1

This course surveys the field of chemistry. Topics include: quantum mechanics, chemical bonding, gases, solutions, acid/base chemistry, oxidation reduction reactions, and organic chemistry. Extensive laboratory work will be used to help the student become familiar with each of the topics.

Chemistry 2A



Spring
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: Chemistry 1A, 4.5GPA overall or in subject area

This course provides more extensive coverage of the topics in Chemistry 2 as well as more extensive lab work.



Science, Chemistry Courses cont.

Chemistry 3A



Fall

SLU 1818 dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: **Chemistry 2A, 4.5GPA overall or in subject area.**

This course offers the student seeking advanced work in chemistry an opportunity to investigate topics such as chemical mathematics, energy changes in chemical reactions, atomic theory, chemical bonding, gases, liquids, solids, solutions, chemical equilibrium, acid-base equilibria, chemical kinetics, thermodynamics, and electrochemistry. Extensive laboratory work in each of the topics is also an important part of each of these courses.

Chemistry 4A



Spring

SLU 1818 dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: **Chemistry 3A, 4.5GPA overall or in subject area.**

This course is a continuation of the study of the topics introduced in Chemistry 3A.



Science, Earth & Space Courses

Introduction to Earth Science



Fall and Spring

Grade: 9

Credit: 0.5

Prerequisites: None

This is a one semester course for Tech Prep students which incorporates lab work. Topics studied include: physical geology involving minerals, rocks, plate tectonics, volcanoes, earth history, seismology, astronomy, and meteorology.

Earth & Space 1



Fall

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: **GPA 3.0; Recommended Bio 1&2**

This is a comprehensive study of physical geology involving the identification and use of minerals, rocks, plate tectonics, volcanoes, topographic maps, meteorology and astronomy in a laboratory setting. (Both earth science classes are designed for the college bound student).

Earth & Space 2



Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: **GPA 3.0; Recommended Bio 1&2**

This is a comprehensive study of earth history, seismology, astronomy, and meteorology in a laboratory setting. (Both earth science classes are designed for the college bound student).

Science, Environmental Science Courses

Environmental Science 1



Fall

**SWIC dual credit offered*

Grade: 11, 12

Credit: 0.5

Prerequisites: 3.0 GPA in Bio 1&2 and either Earth & Space1 & 2 or Chemistry 1 & 2. **For dual credit with SWIC, both semesters must be taken, GPA 3.25 required*

This course provides an overview of physical and biological processes affecting the environment and explores current environmental issues. Laboratory and field study an integral part of the course. Units of study include: freshwater ecosystems, microbiology and food technology.

Environmental Science 1A



Fall

**SWIC dual credit offered*

Grade: 11, 12

Credit: 0.5

Prerequisites: 3.0 GPA in Bio 1&2 and either Earth & Space1 & 2 or Chemistry 1 & 2. **For dual credit with SWIC, both semesters must be taken*

This course provides more extensive coverage of the topics in Environmental Science 1.

Environmental Science 2



Spring

**SWIC dual credit offered*

Grade: 11, 12

Credit: 0.5

Prerequisites: 3.0 GPA in Bio 1&2 and either Earth & Space1 & 2 or Chemistry 1 & 2. **For dual credit with SWIC, both semesters must be taken, GPA 3.25 required*

This course provides an overview of the interrelationships found in the natural world and seeks to identify and analyze environmental problems both natural and human-made. Laboratory and field study are an integral part of the course. Units of study include: biodiversity, community ecology and human influence on ecosystems.

Environmental Science 2A



Spring

**SWIC dual credit offered*

Grade: 11, 12

Credit: 0.5

Prerequisites: 3.0 GPA in Bio 1&2 and either Earth & Space1 & 2 or Chemistry 1 & 2. **For dual credit with SWIC, both semesters must be taken*

This course provides more extensive coverage of the topics in Environmental Science 2.



Science, Physics Courses

Introduction to Physics



Fall and Spring

Grade: 10,11

Credit: 0.5

Prerequisites: None

This is a one semester course for Tech Prep students which incorporates lab work. Topics studied include: velocity, acceleration, momentum, gravitation, motion, forces, work, power, energy, electricity, fluids, magnetism, waves, sound, and light.

Physics 1



Fall

Grade: 11, 12

Credit: 0.5

Prerequisites: GPA 3.0; Passed Chem. 1&2 and Geometry 1&2 or current enrollment

This course surveys the field of physics. Topics studied include: velocity, acceleration, momentum, gravitation, rotational motion, forces, work, power, energy, electricity, fluids, magnetism, waves, sound, and light. Extensive laboratory work is part of the study of each of the above topics.

Physics 1A



Fall

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA; Chem. 1&2 and math through Geometry 2

This course provides more extensive coverage and lab work involving the topics in Physics 1.

Physics 2



Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: GPA 3.0; Physics 1

This course is a continuation of the studies introduced in Physics 1.

Physics 2A



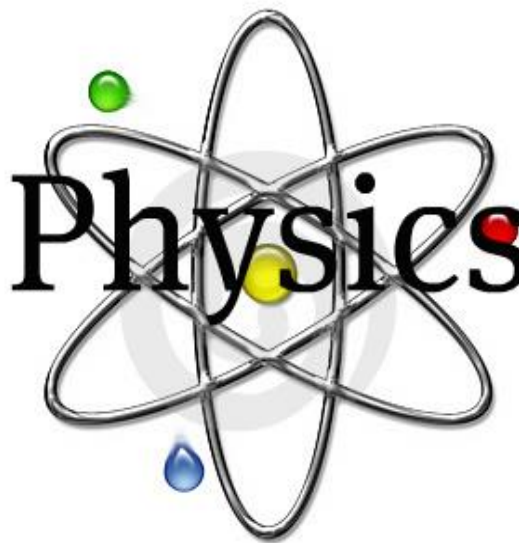
Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: Physics 1A or Physics 1 and a 4.5 GPA; Chem. 1&2 and math through Geometry 2

This course provides more extensive coverage and lab work involving the topics in Physics 2



Social Studies Department



Grade	9	10	11	12
	Illinois History	Illinois History	Illinois History	Illinois History
	Next Steps: College, Career and Civic Life	Civics AP Civics A	American Liberty and Justice	America Liberty and Justice
	World History 1A World History 2A	Consumer Home Management	Building America American History 1A	Building America American History 1A
	World Geography	Next Steps: College, Career and Civic Life	America at War American History 2A	America at War American History 2A
		World History 1 World History 1A	Consumer Home Management	Consumer Home Management
		World History 2 World History 2A	Modern America	Modern America
		World Geography	Next Steps: College, Career and Civic Life	Next Steps: College, Career and Civic Life
			World History 1 World History 1A	World History 1 World History 1A
			World History 2 World History 2A	World History 2 World History 2
			World Geography	World Geography
			AP American History 1A AP American History 2A	AP American History 1A AP American History 2A
			Psychology Psychology A	Psychology Psychology A
			Global Issues Global Issues A	Global Issues Global Issues A
				Economics Economics A



Social Studies, World History and World Geography

World History 1



Fall
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: 2.5 GPA recommended

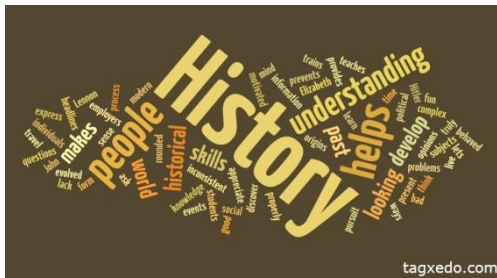
This elective course follows the history of man from ancient times through the age of the Roman Empire. Students will explore topics such as Ancient Greece, Ancient Rome, Ancient Asia and the Ancient Egyptians.

World History 1A



Fall
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area; 9th graders may only take this course if they are in Secondary Honors

This course covers the same topics as World History 1, with emphasis placed on written responses by students. A research paper will be submitted according to department guidelines.



World History 2



Spring
Grade: 10, 11, 12
Credit: 0.5
Prerequisites: 2.5 GPA recommended

This elective course follows important historical events beginning in the Middle Ages and concluding with the World War I era. Students will explore topics such as the Renaissance, French Revolution and the rise of Napoleon.

World History 2A



Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: 4.5 GPA: 9th graders may only take this course if they are in Secondary Honors

This course covers the same topics as World History 2, with emphasis placed on written responses by students. A research paper will be submitted according to department guidelines.

World Geography



Spring
Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None

This elective course takes a regional approach to understanding geography. Students will gain an overview of the major physical and human geographic features on each of the continents. The use of maps and the important political themes connected to them will be an important part of the course.

***Note: Illinois requires students to pass examinations of the Illinois Constitution and the US Constitution; these tests are incorporated into Civics and grades are posted on transcripts.**

Social Studies, American History

Building America



Fall

Grade: 11, 12

Credit: 0.5

Prerequisites: None; *Students must take 2 of the 3 American History courses offered to satisfy grad req.*

Students may take this course to fulfill one of their two required American history courses. This course begins with concept of Westward Expansion and traces the American experience through the Civil War, Reconstruction, our conflict with the Plains Indians, and the Industrial Revolution. This course will conclude with an examination of the Gilded Age and the Progressive Era.

AP American History 1A



Fall

SLU 1818 dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA

This course is the accelerated section of Building America, with emphasis placed on written responses by students. A research paper will be submitted according to department guidelines.

America at War



Fall and Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: None; *Students must take 2 of the 3 American History courses offered to satisfy grad req.*

Students may take this course to fulfill one of their two required American history courses. This course begins with America's entry into the world of foreign affairs and its desire to build an empire. Great attention will be given to the United States'

role in World War I and World War II with topics such as the Roaring 20's and the Great Depression sandwiched between the wars. This course will conclude with a brief overview of the United States participation in the Cold War.

AP American History 2A



Spring

SLU 1818 dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA

This course is the accelerated section of America at War, with emphasis placed on written responses by students. A research paper will be submitted according to department guidelines.

Modern America



Fall and Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: None; *Students must take 2 of the 3 American History courses offered to satisfy grad req.*

Students may take this course to fulfill one of their two required American history courses. This course will begin with an overview of the end of World War II and the beginning of the Cold War. Topics covered will include the Civil Rights Movement, American culture of the 1950s and 60s, and the Vietnam War.

Social Studies, American History cont., IL History, Civics

Next Steps: College, Career and Civic Life

Fall and Spring

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None

Students will explore the next steps of life after high school. Utilizing social studies disciplines, student will investigate post high school educational institutions, degree types, fields of study, financial planning, and civic duties.

Illinois History



Fall

Grade: 9, 10, 11, 12
Credit: 0.5
Prerequisites: None

This elective course explores the history of Illinois from pre-history to the present. Topics covered include the life and culture of native peoples, the arrival of the Europeans, and the role of Illinois in more recent events. Students will become familiar with Illinois through a variety of sources, including maps and documents. The role and rise of Granite City along with other local history events is also discussed.

American Liberty and Justice



Fall and Spring

Grade: 11, 12
Credit: 0.5
Prerequisites: Civics

This course is intended to be an outgrowth of Civics, with greater concentration on specific case studies, Supreme Court cases, and the role of the individual in the justice system. Units on the criminal justice system and an individual's civil liberties will be covered.

Civics



Fall and Spring

US Constitution & Illinois Constitution
Grade: 10
Credit: 0.5
Prerequisites: None

This course fulfills a student's graduation requirement for American government, the U.S. Constitution, and the Illinois Constitution. Civics addresses the basic structure and function of our government, as well as a citizen's role in our government. Students will learn early American history around the time of the American Revolution and the creation of the Constitution as well as examine important contemporary legal challenges.

AP Civics A



Fall and Spring

US Constitution & Illinois Constitution
Grade: 10
Credit: 0.5
Prerequisites: 4.5 GPA overall or in subject area

This course is the accelerated section of Civics. Student will examine the content in Civics with great speed and depth, with more emphasis on writing, research, and analysis.



Social Studies, Economics, Global Issues

Economics



Fall and Spring

Grade: 12

Credit: 0.5

Prerequisites: 3.0 in Social Studies

This course fulfills the consumer education graduation requirement.

This course is recommended for university bound students. Topics covered in this course include economics choices, business models, economic systems, market structures, supply, demand, and price, fiscal and monetary policy, and personal finances.

Students who fail Economics, regardless of GPA, will be enrolled in Consumer Home Management to satisfy the graduation requirement for Consumer Ed.

Economics A



Fall and Spring

Grade: 12

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area as well as taken American History 1A & 2A

This course is the accelerated section of Economics, with emphasis placed on written responses by students. A research paper will be submitted according to department guidelines.

Global Issues



Spring

SLU 1818 dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: 3.25 GPA

This elective course is designed to allow students to analyze current topics and events from around the world. As societies, economies and governments become increasingly interconnected, it is important to understand ourselves as global citizens. Global Issues brings the past, present and future together into one conversation.

Global Issues A



Spring

SLU 1818 dual credit offered

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area.

This is the accelerated section of Global Issues, with more emphasis on writing and student initiated projects and discussions.



Social Studies, Consumer Home Management., Psychology

Consumer Home Management

Fall and Spring

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: None

This course fulfills the consumer education graduation requirement.

Topics covered in this course include economic decision making, advertising, consumer rights, money and banking, saving, investing and managing income as well as the importance of managing personal credit. Students will also gain an overview of the U.S. economy as a whole.



Psychology



Fall and Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: 3.0 GPA

This elective course introduces the study of human behavior and will help us understand our own behavior as well that others much better. Topics of the class include personality development, mental health, growth and development, and relationships.

Psychology A



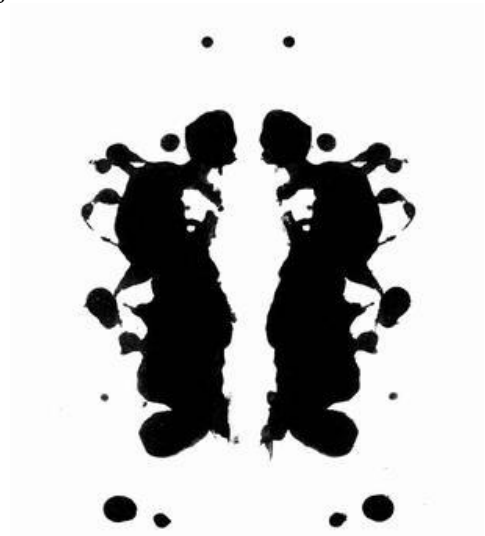
Spring

Grade: 11, 12

Credit: 0.5

Prerequisites: 4.5 GPA overall or in subject area

This is the accelerated section of Psychology, with more emphasis on writing and student initiated projects and discussions.



Special Education Department



Grade	9	10	11	12
	Basic English 1 Basic English 2	Basic English 3 Basic English 4	Basic English 5 Basic English 6	Basic English 7 Basic English 8
	Basic Algebra Fundamentals Basic Algebra Concepts 1	Basic Geometry 1 Basic Geometry 2	Basic Algebra Concepts 2 Basic Applied Algebra	Basic World Geography Basic World History
	Basic Earth Science Basic Biology	Basic Chemistry Basic Physics	Basic American History 1 Basic American History 2	Basic Economics Basic Psychology
	Basic Health	Basic World Geography Basic World History	Basic World Geo. Basic World History	Basic Vocational
	Basic World Geography Basic World History	Basic Civics	Basic Economics Basic Psychology	Basic Foods 1 Basic Foods 2
	Basic Tech. Essentials Basic Computer Concepts	Basic Psychology Basic Pre-Vocational 1&2	Basic Pre-Vocational 1&2	Basic Child Development
	Basic Foods 1 Basic Foods 2	Basic Foods 1 Basic Foods 2	Basic Foods 1 Basic Foods 2 Basic Child Dev.	Basic Business Basic Computer Concepts
	Basic Child Development	Basic Child Development	Basic Business Basic Comp. Con.	Special Driver Safety Special Driver Training
	Basic Economics	Basic Business Basic Computer Concepts	Special Driver Safety Special Driver Training	Resource 11/12
	Resource 9	Special Driver Safety Special Driver Training	Resource 11/12	Special Work Exploration
	Basic Pre-Vocational 1&2	Resource 10 PAES LAB	PAES LAB	PAES LAB

Course selections/scheduling will be reviewed during annual IEP meeting

Special Education Department



Grade	9-12 Grade Courses (see next 2 pages for the sequence of courses)			
	Life Skills Developmental Reading	Life Skills Geography	Life Skills Transitional Math 1&2	Life Skills Real World Job Skills
	Life Skills Developmental Writing	Life Skills Social Skills	Life Skills Transitional Reading	Life Skills Real World Careers and Leisure
	Life Skills Earth Science 1&2	Life Skills Functional Math 1&2	Life Skills Transitional Writing	Life Skills Real World Law
	Life Skills Developmental Home Econ. 1&2	Life Skills Functional Reading	Life Skills Keyboarding	Life Skills Consumer Home Management
	Life Skills Developmental Math 1&2	Life Skills Functional Writing	Life Skills American History 1&2	Life Skills Real World Home Econ 1&2
		Life Skills Government	Life Skills Real World Math 1&2	
		Life Skills Oral Comm.	Life Skills Real World Reading	
		Life Skills Home Econ 1&2	Life Skills Real World Writing	
		Life Skills Life Science 1&2		

Course selections/scheduling will be reviewed during annual IEP meeting

Course Sequence for Life Skills Classes

Grade	Year 1 Courses	Year 2 Courses	Year 3 Courses	Year 4 Courses
	LS Developmental Math 1&2	LS Functional Math 1&2	LS Transitional Math	LS Real World Math
	LS Geography	LS Functional Reading	LS Transitional Reading	LS Real World Reading
	LS Developmental Home Econ 1&2	LS Government	LS Transitional Writing	LS Real World Writing
	LS Dev. Writing	Functional Home Econ 1&2	LS Transitional Home Econ 1&2	LS Real World Home Econ 1&2
	LS Earth Science 1&2	LS Functional Writing	LS American History 1&2	LS Real World Law
	LS Social Skills	LS Life Science 1&2	LS Keyboarding	LS Consumer Home Management
	Adaptive PE 1&2	Adaptive PE 1&2	LS Health	Real World Careers
			Adaptive PE 1&2	Real World Job Skills
				Adaptive PE 1&2

Course selections/scheduling will be reviewed during annual IEP meeting

Course Sequence for ED Classes

Grade	Year 1 Courses	Year 2 Courses	Year 3 Courses	Year 4 Courses
	<ul style="list-style-type: none"> ED Math (Algebra) ED English ED Health ED Social Studies (World History) Pre-vocational 	<ul style="list-style-type: none"> ED Math (Geometry) ED English (Literature) ED Science ED Social Studies (Civics) Pre-vocational 	<ul style="list-style-type: none"> ED Math (Algebra) ED English ED Science (Biology) ED Social Studies (US History) Pre-vocational 	<ul style="list-style-type: none"> ED Math (Geometry) ED English (Literature) ED Science (Earth Science) ED Social Studies (Geography) Pre-vocational

Course selections/scheduling will be reviewed during annual IEP meeting

GCHS Evening Academy



Granite City High School provides an evening academy for students who may be struggling in the regular school day environment. Using a combination of teacher taught and online classes, the evening academy offers students the opportunity for credit recovery and promotes work force readiness. Students may be extended an invitation to be part of the academy depending upon their specific needs and educational requirements.

Educational Support Services Center

The ESSC Program is an in-district program designed to improve communication along with problem solving skills while addressing social/emotional aspects in the learning environment. At the same time, the program is designed to hold students accountable for their behavior and equip them with a toolbox of coping mechanisms. While attending the ESSC Program, students will continue to work on curriculum that aligns with homeschool grade level curricula while receiving direct instruction from the teacher and paraprofessional at the center. Students may be able to return to the regular high school setting based upon their progress.