

Galesburg Jr/Sr High School Course Description Book Grades 9-12

# Helping 

 Students Achieve TheirDreams...

# Galesburg CUSD \#205 2024-2025 Course Description Catalog Grades 9-12 

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# Galesburg Community Unit School District \#205 

November 2023

Dear Students and Parents/Guardians,
Galesburg High School has developed this course catalog to provide our students with a well-rounded educational experience. As you study the course catalog, take time to notice the diversity in course offerings. Whether a student is interested in work after high school, a two-year junior college, or a four-year college, we believe that the comprehensive nature of our course offerings will provide our students with the educational foundation they need to be ready for their individual pathway.

Appropriate course selection is important to the foundation of success and enjoyment during a student's high school experience. This course catalog contains valuable information needed for each student to develop his or her personal four-year program of study. Students and parents/guardians should use each year as a time to reflect on successes and experiences and make revisions to that four-year plan. Students that have questions regarding appropriate course selection to fulfill their four-year plan may also contact their individual counselor or teachers.

We believe that our curricular offerings will provide our students with the opportunities to challenge themselves, encourage their individual creativity, and discover their college and/or career pathways. On behalf of the staff of Galesburg High School, we wish you the very best in your Silver Streak experience.

In Silver and Gold,

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## TABLE OF CONTENTS

DEPARTMENTS

| Academic Honors | Page 7 |
| :--- | :--- |
| Academic G | Page 8 |
| Academic Waiver | Page 7 |
| Advanced Placement | Page 6 |
| Alternative Grading | Page 7 |
| College Prep | Page 6 |
| Course Availability | Page 5 |
| Course Load | Page 5 |
| Course Retake Policy | Page 7 |
| Course Selection | Page 5 |
| Dual Credit | Page 5 |
| Early Graduation | Page 7 |
| Free Period | Page 8 |
| Graduation Requirements | Page 5 |
| Honors Courses | Page 6 |
| Illinois State Scholar | Page 7 |
| Level Placements | Page 6 |
| Marching Band/Color Guard | Page 8 |
| Waiver | Page 7 |
| National Honor Society | Page 6 |
| NCAA Eligibility Requirements | Page 8 |
| Physical Education Waivers | Page 7 |
| Presidential Awards | Page 7 |
| Principal Scholars | Page 6 |
| Schedule Changes | Page 7 |
| Seal of Biliteracy | Page 8 |
| Student Success | Page 8 |
| Waiver Policies |  |

## COURSE SELECTION

Students and their parents/guardians should carefully consider the information in this course catalog so they can make informed decisions about their course of study while attending Galesburg Junior/Senior High School. Counselors are also available to assist students with course selections.

It is important to review graduation requirements before making course decisions.

## COURSE AVAILABILITY

This catalog lists courses available; although a course is listed, it may not be offered unless a sufficient number of students register for the class. It is important that students make thoughtful course selections in the winter because course offerings and teacher assignments are based on spring registration numbers.

## DUAL CREDIT

Students in grades 10-12 may take dual credit classes at Carl Sandburg, Knox College, or other approved institutions. Students who successfully complete a dual credit class will receive credit at both the college and the high school. Students should contact their counselor for additional information and enrollment guidelines.

## GRADUATION REQUIREMENTS

Beginning with the Class of 2026.

| English | 4 credits |
| :--- | :--- |
| Mathematics | 3 credits |
| Science | 2 credits |
| Social Studies | 2 credits |
| Consumer Ed | 0.5 credits |
| Health | 0.5 credits |
| Physical Education | 2 credits |
| Elective Credits | 10 credits |
| Total Credits | $\mathbf{2 4}$ credits |

*This requirement begins with the Class of 2026.
Students in the class of 2025 will adhere to current graduation requirements. Please see your counselor for specific criteria regarding your graduation year.

## CIVICS GRADUATION REQUIREMENT

Students who pass their required civics course satisfy the one-semester state civics requirement. Students must also pass specific assessments on Patriotism and Principles of Representative Government in their civics course to meet the state requirement for graduation.

## COMPUTER LITERACY GRADUATION REQUIREMENT

Illinois requires, starting with the class of 2026, one year of a course that includes intensive instruction in computer literacy.

## CONSUMER EDUCATION REQUIREMENT

Students must complete a semester of consumer education or economics. This requirement can be fulfilled by one of the following courses: Consumer Education, Macroeconomics, or Microeconomics.

## ELECTIVE GRADUATION REQUIREMENT

At least one elective credit must come from any of the following areas: Career and Technical Education, Fine Arts, and/or World Languages.

## ENGLISH GRADUATION REQUIREMENT

Four credits are required for graduation. These courses are described in the course catalog.

## HEALTH GRADUATION REQUIREMENT

One semester of health education is required for graduation. Health education will include a unit on Adult CPR to meet the state requirement.

## MATH GRADUATION REQUIREMENT

At least three credits are required for graduation, credits must include Algebra 1 and geometry content.

PHYSICAL EDUCATION GRADUATION REQUIREMENT AND WAIVERS
Students must participate in physical education during each semester they are enrolled in school unless they meet one of the following:

- The student is enrolled in Health (first time)
- The student is enrolled in Drivers Education (first time)
- The student receives a physical education waiver (see page 8)
- The student is enrolled in first semester Marching Band or Color Guard


## SCIENCE GRADUATION REQUREMENT

Students must complete two credits of science in order to graduate. See counselor for additional options and laboratory requirements.

## SOCIAL STUDIES GRADUATION REQUIREMENT

The two credits of social studies are course specific and include:

- 1 credit of US History/American Century
- 0.5 credits of Early World History or Modern World HIstory; AP Human Geography will also fulfill this requirement
- 0.5 credits of Civics (this includes passing the required specific assessments on Patriotism and Principles of Representation)


## FAFSA REQUIREMENT

Illinois public high school students must complete the FAFSA or the FAFSA Non-Participation Form during their senior year.

## SAT EDUCATION REQUIREMENT

The SAT is the state's high school accountability exam for Illinois. All students enrolled in public high schools are required to participate in the College Board's SAT Suite of Assessments. Galesburg High School will administer the PSAT 8/9 to all freshman students, PSAT 10 to all sophomore students, and the SAT to all junior students. Please note that the school day SAT given to juniors in the spring is a graduation requirement of the State of Illinois. No other SAT administration fulfills this requirement.

## NCAA ELIGIBILITY REQUIREMENTS

Students who are interested in competing in athletics at the Division I or Division II collegiate level must meet the academic eligibility requirements of the National Collegiate Athletic Association (NCAA). Please visit https://www.ncaa.org/sports/2013/11/25/academi c-standards-for-initial-eligibility.aspx for more information regarding Division I and Division II eligibility requirements.

Please connect with your counselor for the most up-to-date list of approved core courses offered at Galesburg High School or to inquire with any questions or concerns regarding NCAA eligibility.

## LEVEL PLACEMENTS

A student and their family may select their courses and level of courses. Students are encouraged to consult with their current teachers, counselor, and/or director when considering what level course to take. Please note that course levels for some classes are by application or audition.

## COLLEGE PREP COURSES

GJSHS courses are college prep courses that provide students with the traditional college preparatory program. These courses are designed to prepare students for entrance into college as well as academic success in college. Students have the opportunity to pursue four years of English, mathematics, science, social studies, and world languages.

HONORS COURSES
Honors courses prepare students for college-level studies while in high school. Honor courses are offered in English and mathematics.

## ADVANCED PLACEMENT (AP) COURSES

Students have the opportunity to complete advanced placement courses in a number of subject areas. AP courses prepare the students to take the national AP exams given in late spring of each school year. Students may be granted advanced placement status and/or college credit on the basis of how well they perform on these tests by the college of their choice. Students who take the AP exam for their course will receive a weighted grade for that course.

## SCHEDULE CHANGES

Students who would like a schedule change should meet with their counselors to determine available courses. Students are not allowed to change courses after five days of the semester with the exception of a level change. If a student is requesting to change level of a class (ie. Honors to on-level), the student should meet with the counselor to begin the process and receive the schedule change form. This will need to be done prior to the midterm of the first term of each semester unless approved by Administration.

## ALTERNATIVE GRADING

INCOMPLETES
Students may earn an incomplete in a course(s) for the semester if they miss an extended duration due to medical reasons. Students who miss an extended duration of the semester due to medical reasons will have fifteen (15) school days to make up any missing assignments and assessments. Incompletes are determined by the school counselor and the instructor (s), and often requires medical documentation.

## WITHDRAW PASS/WITHDRAW FAIL

Students who need to withdraw from a course due to medical reasons or a change in placement may take a withdraw pass (WP) or a withdraw fail (WF) for the course. Withdraw pass or withdraw fail is dependent on the student's grade at the time of withdrawal from the course. No credit can be earned with a WP or WF. Students needing to withdraw from a course should meet with their counselor prior to midterm of the semester.

## COURSE RETAKE POLICY

Students may retake a majority of courses, however the original grade will remain on the transcript. The higher of the two grades will be used when calculating the student's GPA. The exact course must be retaken in order for the higher of the two grades to be used in the GPA. Administrator approval required. Duplicate credit will not be issued.

## EARLY GRADUATION

Students who wish to graduate early should meet with their counselor to determine eligibility. After meeting with the counselor and the determination is made that graduation requirements can be met early, the student and parent/guardian will need to sign an Early Graduation form. Students can still attend Prom and participate in the graduation ceremony in May.

## ACADEMIC HONORS

## ACADEMIC HALL OF FAME

Students who earn a cumulative unweighted GPA of 3.9 over their four years will earn academic hall of fame honors. Coursework must include:

- 4 credits English (Must include AP Language or AP Literature)
- 4 credits Math (Must include Pre-Calculus or higher)
- 4 credits Science (Must include Biology, Chemistry, and Physics)
- 3 credits Social Studies
- 3 credits of a single World Language
- 3 credits of Advanced Placement courses Home school students may not be eligible for the Academic Hall of Fame.


## PRINCIPAL SCHOLAR

Freshmen, sophomores, juniors, and seniors who are in the top five percent of their class at the end of the school year will be designated a Principal Scholar. Calculations will be made at the end of first semester for seniors and at the end of second semester for freshmen, sophomores, and juniors. Home school students may not be eligible for Principal Scholar.

## PRESIDENTIAL AWARD

The Presidential Gold Award is awarded to seniors who are in the top five percent of their graduating class. The Presidential Silver Award is awarded to seniors who have earned a 3.5 or higher cumulative GPA and either a 600 or higher on the SAT in reading or math or a 30 or higher on the ACT in reading or math. Criteria for these awards are determined by the U.S. Department of Education.

## SEAL OF BILITERACY PROGRAM

Galesburg High School students have the opportunity to be recognized by the State of Illinois for earning proficiency in English and at least one additional language. Students who earn this designation will have an official designation placed on their diploma and confer official recognition on transcripts of those students who qualify.

Two honors are available: the Seal of Biliteracy and the Commendation toward Biliteracy. Please see a World Language teacher, your counselor, or Ms. Escobar for additional information.

## ILLINOIS STATE SCHOLAR

Illinois State Scholar is recognized by the Illinois Student Assistance Commission (ISAC) to recognize the top high school seniors in the State of Illinois. Eligibility is determined by ISAC. Home school students are not eligible for Illinois State Scholar. For more information on eligibility go to: https://www.isac.org/isac-gift-assistance-programs/state-scholar-program/eligibility.htm

## NATIONAL HONOR SOCIETY

The four pillars of National Honor Society are: leadership, character, service and scholarship. Juniors and seniors with a cumulative 3.5 or higher grade point average are reviewed for membership in National Honor Society by a faculty council. The faculty council reviews leadership, service, and character for the selection process as per the National Association of Secondary School Principals' Constitution.

All members are expected to maintain their grade point average, complete 20 community service hours per semester, and attend chapter meetings.

## ACADEMIC G

Students are eligible to earn their academic G if they have a cumulative GPA of 3.5 or higher at the end of their sophomore year or any semester during junior or senior year.
The Academic G is one part of the Triple G award. For questions or information on the Triple G, please contact the athletic office at (309) 973-2269.

## WAIVER POLICIES

PHYSICAL EDUCATION WAIVER POLICY: ELIGIBILITY

## Students may receive an academic waiver from physical education if they meet one of the following:

- A student athlete may request a waiver from PE during the semester that their sport competes (grades 9-12)
- Need to enroll in a course or courses which are specifically required for admission to their college of choice (grades 11-12)
- Need additional academic courses to complete graduation requirements due to failure or transfer (grades 11-12)

MARCHING BAND AND COLOR GUARD PHYSICAL EDUCATION (PE) WAIVER POLICY
Any student in grades 9-12, who is enrolled in Marching Band or Color Guard may waive their PE requirement for the first semester. This waiver may be applied each fall semester throughout a student's years of participation in Marching Band or Color Guard.

## FREE PERIOD

Students in grades 11 and 12 may qualify for a free period if they are on track to graduate and passing all of their classes.

## STUDENT SUCCESS PROGRAM

The Student Success Program serves students within Galesburg in grades 9-12. The aim of the CUSD \#205 Student Success Program is improving the academic achievement of struggling students. This is accomplished through individualized planning and access to various supportive services in a smaller classroom environment. Supportive services include:

- Credit Recovery: Students behind in graduation requirements receive credit recovery services during the school day to help them get back on track to graduate with peers
- Concept Recovery: Students who are nearly passing a course would receive this option for reteaching in a particular area using the credit recovery program
- Twilight After School Program: Students receive credit recovery after school with a certified teacher
- Dedicated Counseling and Outreach Services: Students in this program have access to a dedicated school counselor and outreach staff that utilize Individual Learning Plans for each student with individualized goal-setting around academics and career/life readiness goals

Please contact your school counselor if you'd like a referral or more information about this program.

## CAREER AND TECHNICAL EDUCATION

## AGRICULTURE

AG100 - Intro to Agricultural Industry

| Open to 9-10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Full Year |

Introduction to Agricultural Industry is designed to explore how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, and food science will be presented. Students will learn about FFA History, Structure, parliamentary procedure, leadership skills and public speaking as well.

## AG102 - Horticultural Science

Open to 10-11-12
Prerequisite: Intro to Ag

1 Credit
Full Year

Horticulture Science will focus on studying areas of the horticulture industry, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identification of horticultural plants, growth of greenhouse crops, and floral design. This course can be used as a science credit.

## AG103 - Veterinary Science

Open to 10-11-12
Prerequisite: Intro to Ag

1 Credit
Full Year

Vet Science will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Topics to be discussed include: veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, firstaid and physical examinations, along with common surgical skills. Career exploration will focus on veterinarians, veterinary lab technicians, office lab assistants, and small animal production.

AG212 - Animal Science

Open to 10-11-12
Prerequisite: Intro to Ag

1 Credit Full Year

Animal Science will develop students' understanding of livestock including beef, dairy, sheep, goats, swine, and poultry. Topics of instruction include animal anatomy and physiology, animal nutrition, animal reproduction, animal health, and meat science. Hands-on experience with live animals will be likely!

## AG300 - Agricultural Leadership

$\begin{array}{lr}\text { Open to 11-12 } & 0.5 \text { Credit } \\ \text { Preequisite: AG100 \& } 1 \text { other AG course } & \text { Semester }\end{array}$
Ag Leadership helps students develop skills in human relationships, effective communication, decision-making and problem solving, while learning leadership styles to help complete group activities. Students will learn to lead groups and teams, manage volunteers, exercise leadership ethics, and demonstrate leadership in multicultural settings.

AG329 - Aquaculture Science

| Open to 11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Animal Science | Semester |

Aquaculture Science is designed to develop students' knowledge and skills in the area of aquacultural science and technology. Instructional units include basic studies of aquacultural species; reproduction processes, genetics, nutrition and health in aquacrops; ecological balances; and environmental requirements of aquatic plants and animals as related to hydroponics and aquaponics. Water quality, along with chemical and temperature analyses will be conducted for a variety of aquacrops.

## AG369 - Natural Resource Management

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Intro to Ag | Semester |

Student knowledge and skills are developed in understanding natural resources, history, and its importance; fish, wildlife, and forestry management and conservation; and exploring outdoor recreational enterprises. This course will feature hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education. Career exploration will be discussed for careers pertaining to the wildlife industry.

## BUSINESS

## BU100 - Orientation to Business

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Students will gain an insight into the business environment, such as working for a small business, a corporation, or owning your own business. Topics include business ethics, economic concepts, business organization, marketing concepts, and business start up costs.

## BU235 - Business Internship Class

## BU245 - Business Internship Lab

Open to 11-12
Prerequisite: One business class

1 Credit
Semester
Must be taken concurrently. Business Internship is designed to help students with resume writing and interviewing techniques, strengthening professional skills and engaging in hands-on experience. Classroom instruction will focus on job survival skills, career exploration, and improving students' abilities to interact positively with others. Students will either be required to participate in a paid or unpaid internship that they will find with the help of the instructor or complete an approved leadership experience through gainful experience helping to organize and manage a major event at school or within the community.

## BU236 - Investing Basics

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

The basics of investing explores the different aspects of investing, risk management, and investment strategies. Topics include various investment vehicles such as stocks, bonds, mutual funds, annuities, IRAs, 401 (k) plans, and investment trusts. Students will learn the skills of personal financial management, budgeting, financial planning, records and record keeping, money handling, and other tasks common to the investing world.

BU237 - Consumer Education

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

While also a graduation requirement, this course provides a practical background for participation in today's economy to effectively function as a consumer, saver, investor, entrepreneur and citizen. Some topics studied during the term include: consumer protection, buying goods and services, budgeting, banking, credit, housing, life and health insurance, buying a car, savings and investments, social security and taxes. The objective is to give the student an understanding and knowledge of what is needed to make rational decisions as a consumer today and in the future. Internet activities are used when applicable.
This course will meet the consumer education requirement for graduation.

## BU238- Social Media Marketing

$\begin{array}{ll}\text { Open to 10-11-12 } & 0.5 \text { Credit } \\ \text { Prerequisite: Orientation to Business } & \text { Semester }\end{array}$
The Social Media Marketing course addresses social media as a marketing tool and emphasizes social media tools, social media messaging, and search engine optimization. Topics may include but are not limited to, marketing information management, market planning, channel management, promotion, product/service management, and content creation.

## BU310 - Accounting

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Accounting I is recommended for those students considering a major in business in college and students who are interested in an entry-level job in the field of accounting. Accounting is the language of business and the course will cover the principles of accounting as applied to a small business and a corporation. Students will be able to understand the financial statements of a business, which will prepare them to be wise investors for their own economic future. Students will complete practice simulations and will use Quickbooks and spreadsheets. Accounting knowledge is needed at all levels of the business world.

## BU450 - Cooperative Work Class

## BU451 - Cooperative Work Lab

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Application | Semester |

Must be taken concurrently. This course is designed for students sixteen years and older that are interested in on-the-job work experience. The program emphasizes career exploration and preparation for the world of work through a combination of paid and/or unpaid work experiences and academic intervention. (Work sites could include: food service, grocery, legal work, retail, dealerships, trades, medical, etc.) Students can earn school credit for both in-class experience and work experience. If a student is terminated from the job, the student has two weeks to sustain employment or risk being dropped. This course meets two periods per day (split between classroom and coordinated work experience). Topics included in instruction include job skills, planning for work, and financial literacy.

CT110 - Computer Technology I

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Computer Technology is an orientation-level course designed to develop awareness and understanding of application software and equipment used in business and industry. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications and hardware. Students will explore topics related to computer concepts, application software, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, may be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.
Starting with the class of 2026, one year of computer literacy is required for graduation. This course meets those requirements.

## CT111 - Computer Technology II

Open to 9-10-11-12
Prerequisite: Computer Technology I
0.5 Credit

Computer Technology II, a continuation of Computer Technology I, is an orientation-level course designed to develop awareness and understanding of application software and equipment used in business and industry. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications and hardware. Students will explore topics related to computer concepts, application software, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, may be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.
Starting with the class of 2026, one year of computer literacy is required for graduation. This course meets those requirements.

## CT305 - Media Production I

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Media Production I is designed to provide students with the skills needed for a career in the technical aspects of broadcasting. While working in a team-based environment to create a variety of video and audio related broadcasts, students will engage in coursework that includes camera operations, basic audio and video editing, sound and lighting techniques, and sound mixing. Students will produce videos and audio projects to better understand the operation, and repair of video and audio recording equipment, video/digital cameras, microphones, computers, lighting/grip equipment, and other production equipment used in the video and audio production of television programs. Students may also learn to use, maintain, and repair various types of audio recorders, amplifiers, transmitters, receivers, microphones, and sound mixers to record and broadcast radio programs. Projects may include creating video shorts for social media, advertising, TV and/or radio broadcasts, and operations of a campus "streaming" radio station.

## CT306 - Media Production II

## Open to 10-11-12 <br> Prerequisite: Media Production I 0.5 Credit

Media Production II is for students who have completed Media Production I. In addition to expanding on the activities explored in the first course, students will expand their work in a teambased environment to create a variety of video and audio related broadcasts. Instruction includes single and multi-camera operations, linear and nonlinear video editing, production and postproduction processes, animation graphics, sound mixing, multi-track production, audio editing, and special effects. Students learn how to use digital editing equipment and software to electronically cut and paste video and sound segments together. This course also provides students with an understanding of the FCC and other governmental agencies regulations related to broadcasting. Projects may include creating video shorts for social media, advertising, TV and/or radio broadcasts, and operations of a campus "streaming" radio station.

## CT400 - Computer Support Internship I

## Open to 11-12 <br> Prerequisite: Computer Tech <br> 0.5 Credit Semester

Activities within the course are designed to include assessment of problem sets throughout the day and finding the best approach to fixing the technology problem. Workplace skills will be taught and integrated. Supporting projects will include chromebook repair, inventory management, distribution, troubleshooting, and solving problems for students and teachers throughout the class period. Hands-on projects will include creating manuals, video tutorials, and completing certification training (such as Google IT Support Specialist).

CT401 - Computer Support Internship II

Open to 12
Prerequisite: CSI I
0.5 Credit

Semester

Similar to CSI I this course is designed to assist with distribution, troubleshooting, and use of school-issued chromebooks. The student must create an independent study project to work on and complete throughout the run time of the class. Students work independently or in small groups. Example certifications may include the following: Cisco Certified Network Associate, CompTIAA A+ Technician, Network+, CISSP, Cyber Security or other approved certification or self paced curriculum. This course can be repeated for additional credit.

## FAMILY AND CONSUMER SCIENCE

## FC100 - Intro to Family \& Consumer Sci

Open to 9-10-11-12
Prerequisite: None
0.5 Credit Semester

Designed to introduce students to the field of family and consumer sciences and the many career opportunities available in this broad field, this course includes foundational theory and laboratory experiences in the following areas: culinary arts, parenting, child development, interior design and skills needed to be a wellrounded adult. Materials for textile projects will be supplied by the student. This course is a prerequisite for Nutrition and Culinary Arts 1.

## FC103 - Nutrition and Culinary Arts I

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Intro to FACS | Semester |

Nutrition and Culinary Arts will foster an awareness and understanding through classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management, meeting basic needs by applying nutrition concepts, and maximizing resources when planning, preparing, preserving, and serving food.

## FC104 - Nutrition and Culinary Arts II

Open to 10-11-12
Prerequisite: Nutrition I
Designed to provide principles of application into the hospitality industry, including nutrition, and culinary skills, this course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, regional \& international cuisine, safety and sanitation. Many of these concepts will be interpreted through laboratory experiences.
0.5 Credit

Semester nd

[^1]

## IT105 - Beginning Drafting

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Students will learn the basic fundamentals of drafting and /or computer aided drafting (CAD) within this course. The instruction will include the care and use of drafting equipment, freehand sketching, orthographic projection, lettering techniques, dimensioning standards, pictorial drawings, drawing reproduction, and an introduction to CAD.

## IT106 - Woodworking I

Open to 9-10-11-12
Prerequisite: None
0.5 Credit Semester

Woodworking I was developed to teach students how to use woodworking tools and understand the fundamental processes necessary for good workmanship. Planning and measurement skills, power tool use and identification, and craftsmanship are the focal points applied to the various projects constructed during this course.

IT110 - Mechanical Power
Open to 9-10
Prerequisite: None
0.5 Credit

Semester

This course is designed to foster awareness and understanding of the small engine repair industry. Through a variety of learning activities, students are exposed to many career opportunities in the small gas engine repair field. Experiences in small gas engine repair include safety, tools, engine principles and design, principles of operation of the two-stroke and four-stroke cycle, various engine systems, and service repair.

IT111 - Introduction to Construction

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Designed to teach basic construction skills and terminology as they apply to residential construction, course topics will include: planning, framing, building materials selection, use of hand and power tools, blueprint reading, concrete applications, and figuring a bill of materials. Various energy systems and conservation methods used in the construction industry will be studied.

IT112 - Woodworking II
Open to 10-11-12
1 Credit
Prerequisite: Woodworking I Full Year
This course is designed to further the skills acquired in Woodworking I. Students will develop skills in more detailed processes like raised panels, drawer construction, and cabinet making. Emphasis will be placed on safety along with the proper use and maintenance of stationary power tools. Technology and special operations will also be part of the curriculum.
*Students are responsible for having their own projects \& materials for 2nd Semester.

## EN105 - English 9 <br> Open to 9 <br> Prerequisite: None <br> 1 Credit <br> Full Year

The course activities in English 9 are intended for students to read and discuss examples of literary genres, write formally in response to literature and nonfiction in various formats, and further develop skills in communication and research. Students will engage in writing activities both short- and long-form, presentations, grammar and vocabulary development, and expanding reading comprehension skills.

## EN120 - Creative Writing

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester
This course will creatively engage high school students in creating prose, short stories, poems, playwriting and life writing narratives. By reading these diverse types of works, students will interpret various literary devices and apply these to their own writing. This course is writing intensive.

## EN150-Honors English 9

Open to 9
Prerequisite: None

1 Credit Full Year

Honors English 9 challenges students with their skill development in reading, writing, and oral communication through exposure to various literary genres. Activities include short- and longform writing activities, presentations, grammar and vocabulary development, and expanding analytical reading skills.

## EN170 - Public Speaking

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester

Created to acquaint students with a variety of speech skills, students will prepare and deliver speeches of many types. Fundamentals for organization, delivery, and evaluation form the basis for the course.

## EN205 - English 10

Open to $10 \quad 1$ Credit
Prerequisite: None Full Year
Designed to expand the skills developed in prior years by continuing to read and discuss examples of literary genres, write formally in response to literature and nonfiction in various formats, and further develop skills in communication and research. Students will engage in writing activities both short- and long-form, presentations, grammar and vocabulary development, and expanding reading comprehension skills.

## EN250 - Honors English 10

| Open to 10 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Full Year |

The focus is to expand the skills developed in previous years by continuing to read challenging texts, to write analytically in response to literature and nonfiction, and to develop skills in communication and research. Students will engage in writing activities both short- and longform, presentations, grammar and vocabulary development, and expanding reading comprehension skills.

EN280 - Media Writing and Broadcasting

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Media Writing and Broadcasting was created to foster an awareness and understanding of technologies used to communicate in modern society. Students gain experience in the areas of radio and television broadcasting, computers in communication, photography, professional social media practice, and telecommunications. Course assignments include operations related to the high school, such as broadcasting announcements, sports game coverage and/or announcing, and/or technical operations at high school events. This course fulfills the public speaking graduation requirement.

## EN305 - English 11

Open to 11
Prerequisite: None
The focus of English 11 is to expand the skills developed in previous years by continuing to read and discuss examples of literary genres, write formally in response to literature and nonfiction in various formats, and further develop skills in communication and research. Students will also complete a variety of oral communication assignments to fulfill the public speaking graduation requirement.

## EN330 - Honors American Studies

## SS330 - Honors American Studies

| Open to 11 | 2 Credits |
| :--- | :--- |
| Prerequisite: Civics | Full Year |

Must be taken concurrently. Honors American Studies is a team-taught course combining American history and literature. These are explored together to better understand philosophies, issues and policies that shape lives today. Reading, writing, and oral projects are taught in this hands-on, non-traditional course; oral communication assignments will fulfill the public speaking graduation requirement. This class is designed for the college-bound student.

## EN350 - AP Language and Composition

$$
\begin{array}{ll}
\text { Open to 10-11-12 } & 1 \text { Credit } \\
\text { Prerequisite: None } & \text { Full Year }
\end{array}
$$

Designed for students ready to work at a college level, students within this course will read nonfiction and develop their skills in rhetoric and argumentation, as well as improve their critical reading and writing skills through synthesis research. The goal of the course is to analyze and interpret effective writing, then apply those strategies to students' own writing. Students will complete a variety of formal and informal assignments to fulfill the public speaking graduation requirement.
Students are expected to take the Advanced Placement Language exam at the completion of the course.

## EN400 - English 12: Vocational

Open to 12
Prerequisite: None

1 Credit Full Year

Intended for students who are pursuing technical careers upon graduation, this class includes communication principles and practical applications to on-the-job situations. Written instruction includes preparation of employment materials, career documents and studentselected professional topics. Oral topics cover interpersonal communications, presentations, professional reports, and student-selected activities.

## EN405 - Transitional English 12

Open to 12
Prerequisite: None

1 Credit
Full Year
English 12 is designed to prepare students and transition them directly and successfully into college-level coursework and college-level writing. Transitional English 12 will develop skills for "day one" success in post-secondary education. It builds on students' knowledge and experiences to develop skills in reading, critical thinking, analysis, and writing that will enhance their success in college-level courses across majors and career pathways.

## EN450 - AP Literature and Composition

Open to 11-12
1 Credit
Prerequisite: None
Full Year
Designed for students who are ready to work at a college level, students within this course will read a variety of fiction works from different genres (poetry, drama, novel, short story) from classic to contemporary, and develop their skills in interpretation of imaginative literature. Analytical writing is also a key component through both formal and informal assignments to demonstrate an interpretation of a text.
Students are expected to take the Advanced Placement Literature exam at the completion of the course.

## EN100 - ESL Newcomers

Open to 9-10-11-12<br>Prerequisite: Placement<br>\subsection*{0.5 Credit} Semester

ESL Newcomers is designed to engage students in learning foundational English language and pragmatic skills with an emphasis on essential commands, vocabulary, and phrases to communicate in a school and community environment. Enrollment is subject to department approval and/or ACCESS scores of 1.0-2.0. This semester course may be repeated for additional credit.

## EN101 - Entering ESL

Open to 9-10-11-12
Prerequisite: Placement
0.5 Credit

Semester

Entering ESL builds on the foundational skills of ESL Newcomers by emphasizing basic productive skills (speaking and writing) and receptive skills (reading and listening). Students will engage in English for Academic and social purposes while increasing vocabulary. Enrollment is subject to department approval and/or ACCESS scores of 1.0-2.0. This semester course may be repeated for additional credit.

## EN102 - Emerging ESL

Open to 9-10-11-12
Prerequisite: Placement
0.5 Credit

Semester

Emerging ESL is designed to build on basic English developed in Entering ESL. Students will use their foundation of English to practice social and conversational English as well as grammar and writing practice. Academic skills in literacy and other content areas will be developed through study skills and vocabulary building. Emphasis on critical thinking skills for academic success. Enrollment is subject to department approval and/ or ACCESS scores of 2.0-3.0. This course may be repeated for additional credit.

## EN103 - Developing ESL

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Placement | Semester |

Developing ESL is designed to prepare students to exit ESL services and enter a regular English curriculum. Emphasis on expanding the skills developed in Emerging ESL and increasing academic vocabulary in science, social studies, mathematics, and ELA. Students will develop understanding of idioms and literary devices. Students read a variety of fiction and non-fiction works including novels and news articles. This course is for students with ACCESS composite proficiency level scores of 3.0+. Enrollment is subject to department approval and may be repeated for additional credit.

## EN104 - Expanding ESL Literacy

Open to 9-10-11-12
Prerequisite: Placement
0.5 Credit Semester

Expanding ESL Literacy improves language learners' reading and writing skills. Students' build reading comprehension, develop composition skills, and increase vocabulary by engaging with a variety of fiction and non-fiction texts. Enrollment is subject to department approval and/or ACCESS scores of 3.0 or higher. This 1 -semester course may be repeated for additional credit.

## ENGLISH ELECTIVES ELECTIVE CREDIT ONLY

## EN110 - Young Adult Novels

Open to 9-10-11-12 Prerequisite: None
0.5 Credit Semester

Exploration and discussion of contemporary young adult problems through the reading, writing, listening, and discussion of novels will be the focus of this course. Students will read a variety of books dealing with a number of topics, some of which may be considered controversial.

## EN130 - Comparative Mythology

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Geared to facilitate a deeper understanding of a range of mythologies, students will read and explore various mythologies from the world and compare them to understand varying world views. The focus will be on reading and analyzing the mythologies of various origins including Norse, Greek, and Egyptian among others.

## EN180 - Media Foundations

Open to 9-10-11-12
0.5 Credit

Prerequisite: None
Semester
Concentration will be on journalistic writing skills within Media Foundations. Students will learn techniques for lead writing, interviewing, and various specialized reporting areas such as news, sports, features, and editorials. This course may be repeated and individual student goals will be developed for those who repeat.

## EN275 - Music and the Written Word

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Application | Semester |

Students will connect music to other fields by reading fiction and nonfiction texts on the following topics: music in literature, music and the brain, music and social change, music in the entertainment industry, and poetry and lyrics. Students will analyze songs from a literary, historical, and music theory perspective. Students will write essays, listening journals, and lyrics in a variety of forms.
Students should be in band or choir or demonstrate the ability to read music.

## EN290 - Yearbook/Publishing I

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Application | Semester |

Assignments include all phases of production including advertising, fundraising, photography, copy writing and editing, layout design and distribution. Working at the concession stand during home football games is also a required part of the course. Students will be responsible for covering GHS sports and clubs for yearbook pages.

## EN291 - Yearbook/Publishing II

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Application | Semester |

Assignments include all phases of production including advertising, fundraising, photography, copy writing and editing, layout design and distribution. Students will be responsible for covering GHS sports and clubs for yearbook pages.

## EN310 - Contemporary YA Novels

Open to 9-10-11-12
Prerequisite: None
0.5 Credit Semester

Exploration and discussion of contemporary young adult problems through the reading, writing, listening, and discussion of novels will be the focus of this course. Students will read a variety of books dealing with a number of topics, some of which may be considered controversial. The books covered may be more challenging.

## FINE ARTS

## PERFORMING ARTS

## FA100 - Music Appreciation

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Music Appreciation is a class that is designed for music and non-music students. The course exposes students to a variety of music and musical styles from around the world. Focus will be placed on music history and include music from the Medieval, Renaissance, Baroque, Classical, Romantic periods, and music from the 20th Century. Additionally, students will study multicultural music, jazz, and current popular music. This is a non-performance class that is open to all students at GHS.

## FA105 - Concert Choir

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year

This choir is designed to include freshman and beginning choir students. Students will study the ability to use the voice as an instrument and the fundamentals of choral singing. Concert Choir focuses on beginning vocal technique music theory, and introduces students to the choir program. In addition to performing at several required concerts each year, Concert Choir may attend additional contests, festivals, and requested school and/or community events at which attendance is required. No audition is required.

FA110- Galesburg Chorale
Open to 9-10-11-12
Prerequisite: Concert Choir or audition

1 Credit Full Year

Galesburg Chorale is an intermediate ensemble that studies various styles of singing with greater emphasis on vocal technique. Ensemble members must have a high degree of interest in music, singing, and be dedicated to the choir program. Individual performance, music theory, and vocal technique to prepare students to sing any style of music is a main focus of this ensemble. In addition to performing at several required concerts each year, the Galesburg Chorale may attend additional contests, district and state ILMEA festivals, and school or community events at which attendance is required. Galesburg Chorale is open to any voice part.

FA115 - Musical Theater Ensemble

Open to 9-10-11-12 Prerequisite: Previous or current choir

1 Credit

Students explore the history and development of musical theater through performance. The development of necessary performance skills of singer and actor, and apply these skills in various in-class performances are explored. Students will prepare in-class presentations, engage in solo, small group, and large ensemble performances. The elements of self-reflection and peer critique are also included. There is a focus on musical theater repertoire and preparing for the audition process. This class will participate in a culminating Broadway Revue at the end of each semester.

FA120 - Beginning Guitar

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester

This course will introduce students to the basics of playing guitar. Students will study a variety of topics, including: basic playing technique, different forms of musical notation, basic music theory and structure, and various styles of music.

## FA125 - Beginning Piano

Open to 9-10-11-12
Prerequisite: None
This course will introduce students to the basics of playing piano. Students will study a variety of topics, including: basic playing technique, different forms of musical notation, basic music theory and structure, and various styles of music.

## FA145 - Percussion Ensemble

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Audition | Semester |

This course is designed to continue a student's development in percussion techniques and performance. Students will focus on rudiments and techniques for mallets, drums, timpani and auxiliary percussion. Students will be required to attend all concerts and performances throughout the school year. Students will participate in Pep Band and have the opportunity to participate in the Solo and Ensemble Contest.

FA150 - Marching Band
Open to 9-10-11-12
Prerequisite: Prior band experience
0.5 Credit

Semester

This course combines the elements of music, movement, and marching. The Marching Streaks perform at community parades, home varsity football games, and marching competitions throughout the state. Attendance at summer rehearsals, band camp, and 1-2 weekly rehearsals outside the school day are required. Some students may be placed on alternate status to maintain the integrity of each performance. Students enrolled in marching band will qualify for a P.E. waiver during term 1. In addition to Marching Band, students must be enrolled in one of the concert bands (Symphonic Band or Wind Symphony).

## FA155 - Color Guard

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisit: Audition | Semester |

The Color Guard is an auditioned course that combines the elements of dance, movement, choreography, flags, and rifles as part of the Marching Band. Students will perform at community parades, home varsity football games, and marching competitions throughout the state. Attendance at summer rehearsals and rehearsals outside the school day are required. Some students may be placed on alternate status to maintain the integrity of each performance. Students enrolled in marching band will qualify for a P.E. waiver during term 1.

FA160 - Symphonic Band

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Prior band experience | Semester |

The Symphonic Band is a concert ensemble that is geared towards the developing instrumentalist. The ensemble focuses on musical literature that encourages students to develop essential musicianship skills through rehearsals and performance. The Symphonic Band performs at several concerts each year and may attend additional contests, festivals, and/or community events. Additional opportunities to participate in solo and ensemble will be available as part of the course. All members of the Symphonic Band are required to participate as members of the Silver or Gold Pep Bands as assigned.
Must be enrolled in Marching Band.

## FA165 - Wind Symphony

Open to 9-10-11-12
Prerequisite: Audition
0.5 Credit Semester

The Wind Symphony is the top concert band at GHS and is made up of the most advanced band students in Galesburg High School. The ensemble will study and prepare musical literature stressing technical and musical excellence through rehearsal and performance. Students will develop their personal musicianship through exposure to significant compositions for the wind band. Performances will include several concerts and festivals throughout the school year. All members of the Wind Symphony are required to participate as members of the Silver or Gold Pep Bands as assigned.
Must be enrolled in Marching Band.

## FA200 - Music Theory

Open to 10-11-12
0.5 Credit

Prerequisite: Enrollment in band or choir Semester
Music Theory is an introduction to the basics of music theory and how it relates to music composition and performance. This course is designed for the serious music student and serves as a college preparatory course for students entering music study in college. This course would be supplemental to students' participation in other instrumental or vocal music courses. Students will gain a deeper understanding of the music they perform and the techniques that are used to create that music.

## FA205 - Treble Singers

| Open to 10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Audition | Full Year |

Open only to Soprano and Alto voices, this advanced ensemble requires the highest degree of musical proficiency. Advanced vocal technique, music literacy, and dedication to choir are of paramount importance and are studied at greater intensity than in other ensembles. Students study and perform literature from all historical periods, musical styles, and cultures. In addition to performing at several required concerts each year, Treble Singers will attend additional contests, and requested school and community events at which attendance is required and will be graded. This class will be limited and balanced by voice parts.

## FA308 - Technical Production I

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Technical Production I is designed to create a variety of activities using application software and equipment used to perform tasks in the industry with an emphasis on production. The course provides students with the basic knowledge and skills necessary for technical production. Camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, set design, properties, effects makeup, as well as career opportunities are typical topics covered within this course.
Acceptance in this course is by application only for 9th grade.

## FA309- Technical Production II

## Open to 9-10-11-12 <br> Prerequisite: Technical Production I <br> 0.5 Credit <br> Semester

Building off of Tech Production I, this course is designed to create a variety of activities using application software and equipment used to perform tasks in the industry with an emphasis on production. The course provides students with the basic knowledge and skills necessary for technical production. Camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, set design, properties, effects makeup, as well as career opportunities are typical topics covered within this course.

## VISUAL ARTS

VA100 - Art Foundations

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |
| Students will develop creative thought processes |  |
| while increasing their knowledge of basic skills, |  |
| techniques, design elements, and art history. |  |
| Experiences in drawing, design, painting, |  |
| ceramics, and sculpture will be offered. |  | l

## VA105 - Drawing I

Open to 9-10-11-12
Prerequisite: Art Foundations
0.5 Credit

Semester

In this course students learn basic drawing skills, use a variety of drawing media and explore various styles, techniques and subjects. They create original works of art, reflect on their work, and respond to the work of others.
VA110 - Design I

| Open to 9-10-11-12 |
| :--- |
| Prerequisite: Art Foundations |
| Students will explore the elements and principles |
| of design by creating artworks using a variety of |
| primarily two-dimensional media. There will be a |
| strong emphasis on individual exploration, |
| experimentation and creative thinking ability. |

## VA115 - Painting I

Open to 9-10-11-12
Prerequisite: Art Foundations
0.5 Credit Semester

Painting I is designed to develop painting techniques and an understanding of individual paint characteristics with a focus on acrylic, watercolor, and tempera paints. This class offers creative experiences incorporating the study of work by several artists of the past. Individual guidance will be given in project assignments using naturalistic, abstract, and expressive styles.

## VA120-3D Ceramic Art Studio I

Open to 9-10-11-12
0.5 Credit

Prerequisite: Art Foundations
Semester
Students will be introduced to clay hand building techniques. Students will be challenged to create projects using these techniques to build sculpture and/or pottery.

## VA130 - Graphic Design I

Open to 9-10-11-12
Prerequisite: Art Foundations
0.5 Credit

Graphic Design is a form of visual communication. Logos, brands, advertisements and signs are just a few examples of graphic design. Students will experience the design process and design problems as a way of introducing them to visual communication. They will learn to use design thinking: a strategic form of creative problem solving, and how to communicate ideas using a limited set of tools. The curriculum has been created in an effort to be inclusive and therefore does not include the use of specialized technology (hardware or software). These digital tools are important, but not necessary to teach and learn the fundamentals of traditional graphic design and visual communication.

## VA205 - Drawing II

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Drawing I | Semester |

Students will continue to practice and improve their drawing skills, explore various media, subjects and advanced drawing concepts. Drawing prompts allow students to develop their unique style and voice while staying within general parameters. Students' ability to think and speak intelligently about artworks will be developed through peer and self-critique.

## VA210 - Design II

Open to 10-11-12
Prerequisite: Design I
0.5 Credit

Design II is a continuation of the focus on the elements of design with added emphasis on the principles of design. Aspects of color theory, printmaking, and typography (the art of letters) may also be included.

## VA215 - Painting II

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Painting I | Semester |

This is an advanced painting course in which students experiment with painting techniques and media to further develop color theory, craftsmanship, and individual expressionism. Oil paint is introduced alongside continued work with acrylics.

## VA220 - 3D Ceramic Art Sudio II

Open to 10-11-12 Prerequisite: Ceramics I
This course will focus on advanced clay hand building techniques. Students will be encouraged to use problem solving skills to complete all sculpture and/or pottery projects. This course is a continuation of 3D Ceramic Art Studio 1.

## VA230 - Graphic Design II

## Open to 10-11-12 <br> Prerequisite: Graphic Design I <br> 0.5 Credit

This course provides students with entry-level skills needed in the graphic and visual design field with integration of technology. Safety, math and measuring, basic layout, design principles, color theory, typography, page layout and basic Adobe software required for the design \& visual communications industries are introduced. Organizational skills and production practices are studied. Students will be able to receive their Adobe Certified Associate (ACA) in Adobe Photoshop, an industry-recognized credential.

## VA231 - Graphic Design III

Open to 10-11-12
Prerequisite: Graphic Design II
0.5 Credit Semester

This is the final course in a sequence that provides students with a closer look at graphic software applications and visual design with an integration of technology. Studies will include scanning, design concepts, critiquing, customer relations, digital printing, photography, and image editing using contemporary software. Students will explore packaging and marketing as well as study intellectual property law and how it applies to visual design. Students will be introduced to HTML coding. Web design will be taught using Adobe software. Students have an opportunity to become an Adobe Certified Associate through online testing.

## VA300 - Portfolio Preparation

| Open to 11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: 5 art courses | Semester |

This course is for students who intend to further their education after high school in the areas of art or graphic design. Students will create works to complete their portfolio and will also be involved in professional presentation techniques from matting to photographing their work. Students will conclude this course with individual exhibits of their work in a public setting.

## VA350 - AP Studio Art: Drawing

$\begin{array}{ll}\text { Open to 11-12 } & 1 \text { Credit } \\ \text { Prerequisite: Drawing II } & \text { Full Year }\end{array}$
AP Drawing is for students who plan to pursue a creative career beyond high school. Students in this course will develop their skills in drawing as they experiment with different materials and processes. They will develop an inquiry question/statement at the beginning of the school year and spend the year investigating it through their artmaking. Students will create artwork that reflects their own ideas, skills and what they've learned. Skills learned will include investigating the materials, processes, and ideas that artists and designers use, practicing, experimenting, and revising as they create their own work, and communicating their ideas about works of art and design. Students will digitally submit a portfolio of artwork to the AP Program for evaluation near the end of the school year.
Students are expected to complete the Advanced Placement Drawing portfolio over the length of the course.

## Galesburg Area Vocational Center

The Galesburg Area Vocational Center offers a variety of courses in specific skill areas to encourage students in a career pathway.

## VO106 - GAVC Electrical Trades I Class

V0107- GAVC Electrical Trades I Lab
Open to 10-11-12
Prerequisite: None
1 Credit
Semester
Must be taken concurrently. Electrical Trades I is designed to foster awareness and understanding in electronic fields. AC and DC circuit concepts are taught through experimentation. Course work includes units on passive and active electrical devices as well as relationships between inductance, capacitance, and reactance. Series and parallel RC and RL circuit analysis will be presented. Students will use meters and oscilloscopes. Computers will be used to draw circuits and aid students in learning.

## VO108 - GAVC Electrical Trades II Class

VO109 - GAVC Electrical Trades II Lab

| Open to 10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Electrical Trades I | Semester |

Must be taken concurrently_Areas of instruction include: electrical theory, circuit design and operation, the national electrical code, blueprint reading, construction blueprint interpretation, and test equipment usage Students plan and organize wiring tasks and gain practical experience by wiring mock-ups and trainers. Students become familiar with tools, materials, and methods used in residential wiring. Students troubleshoot circuits for faulty operation and make repairs. Specific studies include AC and DC theory, series and parallel circuits, motor and generator theory, motor controls, lighting and appliance wiring, low voltage wiring, and testing and repair.
This course is offered as a dual credit course with Carl Sandburg College.

VO310 - GAVC Web Development

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Web Development is designed to foster awareness and understanding of the fundamentals of dynamic web applications and websites are covered to help students transition from technology consumers to technology creators. Students will learn how to program using HTML, CSS, and JavaScript. Use of popular website builders, widgets, and other free resources will be introduced. Multimedia editing platforms are used to create, manage, and manipulate media such as images, video, and vectorization. By the end of the course, students will be able to build a dynamic web application from scratch and push it live to production servers.

## V0315 - GAVC Emerging Technologies

Open to 10-11-12 $\quad 0.5$ Credit
Prerequisite: None Semester

Emerging Technologies is designed to introduce students' to new and emerging technologies. The range of technology includes but is not limited to; drones, robotics, artificial intelligence, electronics, computer technologies (software engineering), Game Art and Design, and 3D modeling/rendering.

## VO320 - GAVC AR/VR Development

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

This course is designed to introduce virtual reality, augmented reality, and mixed reality with handson creation and application. The course covers the difference between these two fields and how each can be used to build digital tools of the future. Students will build immersive environments with WebVR, Unity, Google Cardboard, SparkAR, and many other professional 3D creation tools. By the end of this course, students will be well-equipped to continue their own learning in XR development.

## VO325 - GAVC Drone Operation/Maint

| Open to 11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Drone Operation and Maintenance is designed to introduce students to the fundamentals of flying drones. Virtual and hands-on topics covered typically include FAA rules and regulations; types and capabilities of unmanned aircraft; drone piloting; aerial photography and videography; maintenance and preflight procedures; and aeronautical decision-making. Students will take the FAA - The Recreational UAS Safety Test (TRUST). The course curriculum prepares students for FAA Drone Pilot Certification.

## VO330 - AP Computer Science Principles <br> Open to 10-11-12 <br> 1 Credit <br> Prerequisite: None <br> Full Year

This class may be used as a math credit. AP
Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems-including the internet-work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students are expected to take the Advanced Placement Computer Science Principles exam at the completion of the course.

## VO336 - GAVC Automotive Technology I

VO338 - GAVC Automotive Tech I Lab

| Open to 10-11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

Must be taken concurrently. These courses are for all sophomores, juniors and seniors who are interested in Automotive Technology. It is composed of the theory and operation of all mechanical, electrical, high performance, and computer fuel injection systems of domestic vehicles. This course will provide the student with experiences that include occupational shop task skills, electrical component teardown and assembly, engine overhaul, brakes, general repair and preventative maintenance. Students will learn the proper procedures of troubleshooting, diagnosis and repair, and also gain knowledge of how to use resources, tools, and test equipment found in modern automotive repair facilities. Emphasis is placed on hands-on participation.

## V0337 - GAVC Automotive Technology II

## VO339 - GAVC Automotive Tech II Lab

Open to 11-12
2 Credits
Prerequisite: Auto Tech I Full Year
Must be taken concurrently. These courses are designed to foster an awareness and understanding of the automotive servicing industry. Most work is done on automobiles, just as they would come in the auto dealer's service department. A review of academic progress, attendance records and history of discipline is used to appropriately place students.

## VO410 - GAVC Health Occupations

## VO413 - GAVC Health Occupations Lab

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Must be taken concurrently. This course will foster an awareness and understanding of the healthcare pathway. Classroom instruction introduces medical terminology, the concepts of professionalism, confidentiality, medical safety, and ethics. During the lab, at local clinical sites and through hands-on experiences, students develop skills in body mechanics, patient assessment, medical asepsis and basic patient care. Upon successful completion of this course, students may take the written examination for Certified Nurse's Assistant certification (CNA). (The Illinois Department of Public Health requires students to attend 80 hours of theory and 40 hours of clinical class time to be eligible for the CNA certification, therefore students not fulfililing the attendance requirement will not be allowed to continue on to the clinical portion of the class.)

## VO411 - GAVC Building Trades

## VO412 - GAVC Building Trades Lab

$$
\begin{array}{ll}
\text { Open to 10-11-12 } & 2 \text { Credits } \\
\text { Prerequisite: None } & \text { Full Year }
\end{array}
$$

Must be taken concurrently. These courses will foster an awareness and understanding in the building construction trades. Students will gain insight and hands-on experience with new home projects. Students will be given the opportunity to participate in the different phases of residential construction. Planned learning activities will allow students to become knowledgeable of fundamental principles and methods to develop technical skills related to building codes, blueprint reading, concrete and carpentry work. Instruction includes safety principles and practices, foundation layout methods, building concepts and cost estimating. Technical skill experiences will include carpentry, plumbing, roofing, siding, dry walling, finish work, insulation, electrical and heating installation, window and door installation, painting, and all the details involved in completing a new home
*Students must have their own transportation to and from job sites.

## VO421 - GAVC Intro to Teaching

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

This course introduces students to the foundations of what being a teacher is all about. Using the Educators Rising platform, students will gain an understanding about the character, responsibilities, and rewards of teaching. Students will participate in experiential learning by observing and helping in their district classrooms after completing the first term of coursework. Course content also includes projects to develop skills essential to entering into the teaching profession, team-based challenges, and exposure to other options in the education pathway.

## VO424 - GAVC Early Childhood Educ I

VO426-GAVC Early Childhood Ed I Lab

| Open to 10-11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

Must be taken concurrently. Early Childhood Education allows students to explore careers in childcare, early childhood education, or elementary education. Students will gain work experience with children in a laboratory setting. Educational experience includes participation as teachers and teacher assistants in Childcare Centers, Pre-K classrooms, and Elementary schools. This work experience will supplement the classroom coursework.

## VO425 - GAVC Early Childhood Educ II

$\begin{array}{ll}\text { Open to 11-12 } & 0.5 \text { Credit } \\ \text { Prerequisite: Early Childhood Educ I } & \text { Semester }\end{array}$
Early Childhood Education II expands on the knowledge and skills from Early Childhood Education I. This course will develop leadership skills and responsibilities at the Early Childhood and Elementary Education level. Students under the supervision of a certified staff member will be placed at a job-site. Students will keep journals on their observations and activities performed at the job-site. Students will focus more on assisting the lead teacher/director. This course is recommended for those students considering a career in childcare, early childhood education, or elementary education.
All applicants must go through a screening process with the early childhood instructor before being accepted into the program.

## VO428 - GAVC Education Pathway II

Open to 11-12
Prerequisite: Early Childhood Educ I

1 Credit
Full Year

Education \& Training Workplace Experience courses provide work experience in fields related to the Education \& Training cluster. Goals must be set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses must include classroom instruction at least once per week, involving further study of the field, discussion of relevant topics that are responsive to the workplace experience and employability skill development. Workplace Experience courses must be taught by an approved WBL educator coordinator. These courses should be aligned to a Career Development Experience that could include: Student-led Enterprises; School-based Enterprises; Immersion Supervised Agricultural Experiences; Clinical Experiences in Health Science and Technology programs; Internships; and Apprenticeship programs including Youth Apprenticeships, Pre-apprenticeships, and Registered Apprenticeships.

## VO432 - GAVC Medical Term/Pharma

Open to 11-12
Prerequisite: None
0.5 Credit

Semester

Students must take both courses. Topics of this
course will include principles of drug
administration and basic mathematics involved in drug calculations. Throughout the course, the commonly used medications within various health professions will be explored. The first half of the semester is an overview of pharmacology and its medications as it pertains to health professions. The medical terminology portion of the program provides a background in the language of medicine, and presents a system of learning medical terms from word roots, combining forms, prefixes and suffixes. By the end of the course, the student will be able to recognize, build, define and spell literally thousands of medical words from the elements learned, and be proficient in using a medical dictionary. This course is offered on the Carl Sandburg College campus and is dual credit.
Students will follow Carl Sandburg's enrollment guidelines.

## VO436 - GAVC Nutrition

## Open to 11-12 <br> 0.5 Credit <br> Prerequisite: Biology or Chemistry Semester

Nutrition is designed to introduce the student to the concepts and principles of nutrition. Emphasis is on normal and clinical nutrition. The elements in foods, digestion, absorption, and metabolism of food; the relationship of nutrition to health; and many aspects of diet therapy are included. Cultural, religious, and geographical influences are discussed. Nutritional needs for each age group are considered. This course is an online dual credit course. Credit is awarded only at the completion of the course.
Students are required to follow Carl Sandburg's enrollment guidelines.

## VO450 - GAVC Culinary Occupations

VO456 - GAVC Culinary Occupations Lab

| Open to 10-11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

Must be taken concurrently. Designed to understand terminology, culinary math, and practical experiences needed for the development of culinary and workplace skills. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will include event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuvres, and breakfast cookery. Students will be provided opportunity training experiences on commercial equipment.

## VO470 - GAVC Culinary Occupations II

VO471- GAVC Culinary Occupations II

| Open to 11-12 | 2 Credits |
| :--- | :---: |
| Prerequisite: Culinary Occupations I | Full Year |

Must be taken concurrently. Designed to build on the foundations of basic baking and continue to the more advanced pastry techniques. From theory to practice, students will develop their skills in baking and pastry. Students learn to make dough-based products from bagels to brioche and baguettes to pizzas and practice essential techniques like creating simple truffles to fine desserts and cakes.

## VO451 - GAVC Intro to Law Enforcement

## VO457 - GAVC Intro to Law Enforce Lab

| Open to 10-11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

Must be taken concurrently. Introduction to Law Enforcement will develop a basic understanding of criminal justice agencies, their operations, objectives and basic purposes. Career opportunities are also examined within the criminal justice field. The various types of specialties within a police department are also investigated. These specialties may include, traffic stops, crime scene investigation, collection of evidence including lifting and analyzing fingerprints, examining blood stains, and shoe impressions.

## VO452 - GAVC Firefighting \& Rescue

VO458 - GAVC Firefighting \& Rescue
Open to 10-11-12 2 Credits
Prerequisite: None Full Year
Must be taken concurrently. Fire Science is designed to prepare students for entry-level firefighter positions. Students will learn through classroom and guided practice activities, the essentials of fire suppression, which includes: fire department orientation and terminology, fire department history, understanding fire behavior, wearing personal protective clothing, identifying ropes, tying knots, using fire extinguishers, performing forcible entry, carrying and raising ladders, operating self- contained breathing apparatus, employing search and rescue techniques, working with ventilation tools and practicing hose evolutions on an operating fire engine all in a safety conscious environment. These skills along with leadership and communication skills will prepare the student for certification through employment opportunities with many fire departments. This course is a full year and will be awarded dual credit with Illinois Central College.

VO453 - GAVC Engineering Design

| Open to 11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Engineering scope, content, and professional practice are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems and create innovative designs. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. This course is the capstone experience for students who are interested in Technology, Innovation, Design, and Engineering.

## VO455 - GAVC Beginning Machining

VO465- GAVC Beginning Machining Lab

| Open to 10-11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

Must be taken concurrently. Beginning Machining is designed to create metal parts using various machine tools and equipment. Dual credit course content may include interpreting specifications for machines using blueprints, sketches, or descriptions of parts; preparing and using lathes, milling machines, shapers, and grinders with skill, safety, and precision.
Students will follow Carl Sandburg's enrollment guidelines.

## VO460 - GAVC Advanced Machining

VO466- GAVC Advanced Machining Lab

| Open to 11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: Beginning Machining | Full Year |

Must be taken concurrently. Advanced areas of study include more focused and project-based lathework and setup, Computerized Numerical Control (CNC) milling processes, and CNC troubleshooting. Students will receive college credit in addition to GHS credit. The following Carl Sandburg courses will be included: MTL. 150 Fundamentals of CNC Turning Applications, MTL. 155 Fund of CNC Milling Applications, MTL. 160 CNC Lathe Set-up and MTL. 165 CCNC Mill Set-up.
Students will follow Carl Sandburg's enrollment guidelines.

## VO481 - GAVC Welding and Fabrication

## VO482 - GAVC Welding and Fabr Lab

| Open to 10-11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

Must be taken concurrently. Designed for students who are planning a career in either production or job shop industrial welding. The main objective is to acquire the skills and the knowledge necessary to enter industry as a beginning welder. Much time will be spent in the welding lab. The course will include stick arc welding, MIG welding, TIG welding, plasma cutting, cutting torches, brazing, braze welding, submerged arc, blueprints and shop safety. This course is held at the Center for Manufacturing Excellence/Carl Sandburg College. Students will receive college credit in addition to GHS credit. Student will follow Carl Sandburg's enrollment guidelines.

## VO485 - CEO Program

## VO486 - CEO Program Lab

| Open to 11-12 | 2 Credits |
| :--- | :--- |
| Prerequisite: None | Full Year |

## Must be taken concurrently. Creating

Entrepreneurial Opportunities is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Local business community partners work with area schools to create project-based experiences for students by providing meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higherorder thinking, communication, and inquiry are at the heart of a student's development throughout the course.
Students may need to provide their own transportation. The CEO program is held at various businesses and not on the GHS campus. Students may also be required to report to class earlier than the typical school day and attendance is very important.

## MATH

## MA100 - Applied Algebra I

Open to 9-10-11-12
Prerequisite: Recommendation

## 1 Credit

Full Year

Various methods will be utilized to instruct the Algebra I curriculum. Reinforcement of real life math skills is included. Algebraic topics introduced include solving equations, simplifying expressions, and the study of real numbers.

## MA105 - Algebra I

Open to 9-10-11-12

## 1 Credit

Prerequisite: None Full Year

Algebra I includes equations with one and two unknowns, inequalities, formulas, polynomials, factoring, evaluating and graphing functions, different types of graphs, linear coordinates in graphing, graphing linear equations, algebraic fractions, exponent properties, radicals, quadratic equations, and algebraic problem solving.

## MA200 - Applied Geometry

## Open to 10-11-12 <br> 1 Credit <br> Prerequisite: Algebra I <br> Full Year

Applied Geometry is for the student who has successfully completed Algebra I or its equivalent, but not planning to immediately attend a fouryear college. Basic geometry topics including triangles, parallel and perpendicular lines, circles, polygons, points, lines and planes will be taught. Topics of statistics will also be explored that analyze data using histograms, box plots, and dot plots along with measures of center and spread. In addition students will gain an understanding of scatterplots, Venn Diagrams, and their applications to probability.

## MA205 - Geometry

Open to 10-11-12
Prerequisite: Algebra I

1 Credit Full Year

Geometry consists of properties and characteristics of plane geometric figures, applications of geometry in everyday situations, integration of geometry and algebra skills, and proofs. Basic geometric terms, along with properties of polygons and circles will be studied. Proofs will involve parallel lines, congruent triangles, and similarity of figures. Algebraic connections include the coordinate plane, solving equations, the use of formulas, and right triangle trigonometry. Topics of statistics will also be covered that analyze data using histograms, box plots, and dot plots along with measures of center and spread. In addition, students will find the line of best fit and understand scatterplots, Venn Diagrams, and their applications to probability.

## MA250 - Honors Geometry

| Open to 9-10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Algebra I | Full Year |

Honors Geometry differs from geometry in emphasis and rigor. All topics covered in geometry will be covered in honors geometry. Students will also study area, surface area, volume, and right triangle trigonometry. Students will be required to prove additional theorems and to complete more abstract proofs, with greater mathematical rigor.

## MA300 - Applied Algebra II

Open to 11-12
Prerequisite: Geometry

1 Credit
Full Year

This course is created for the student who has successfully completed Geometry or Applied Geometry, but is not planning to immediately attend a four year college. Topics addressed include: expressions and functions, systems of equations, linear \& quadratic equations, matrices, geometry review, basic trigonometry with real world applications, solving nonlinear equations, simplifying non-linear expressions, and the study of real numbers.

## MA305 - Algebra II

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Geometry | Full Year |

Designed to give the student a better understanding of the fundamental principles of algebra, this course deals with quadratic equations, transformations, polynomial operations, systems of inequalities, systems involving 3 variables, exponential functions and logarithms, functions, factoring, and graphing. A graphing calculator (TI-84 or higher) is recommended, but students must have at least a scientific calculator.

## MA350 - Honors Algebra II

| Open to 10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Geometry | Full Year |

Differing from regular Algebra II, Honors Algebra II topics will be covered in greater depth and with more rigor. Algebraic skills are developed to simplify expressions and to solve equations and inequalities involving linear, polynomial, rational, exponential, and logarithmic functions. Graphing fundamentals are established through the use of transformations and are expanded through the use of graphing calculators to explore, solve, and support algebraic methods of solutions. A graphing calculator (TI-84 or higher) is recommended, but students must have at least a scientific calculator.

## MA360 - Probability and Statistics

Open to 11-12
Prerequisite: Algebra II

1 Credit
Full Year

Introduction to the organization and interpretation of numeric data are the focus of this course. This includes a study of elementary probability theory, measures of central tendency and dispersion, random variables and probability functions, including the normal and binomial distributions, least square regression line, and reliability of results.

## MA370 - AP Probability and Statistics

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Algebra II | Full Year |

This course involves an in-depth study of patterns and exploration of data, normal distribution, bivariate data, transformations, sampling and experimentation, probability, discrete analysis, margins of error, Chi-square test, and least square regression line. A graphing calculator (TI84 or higher) is recommended.

## MA400 - Math 12: Vocational

## Open to 12 <br> Prerequisite: Graduation Requirements Full Year

Designed to prepare and transition students directly into vocational pathways, this course reinforces general math skills and extends these skills to include some prealgebra and algebra topics, and uses these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.
This course is a math elective and may NOT satisfy the graduation requirements.

## MA405 - Transitional Math

## Open to 12

1 Credit
Prerequisite: Algebra II/Teacher Recommendation Full Year
Course content is designed to prepare and transition students directly into college/career pathways requiring general education college level math competencies in quantitative literacy and statistics. We accomplish this by emphasizing numeracy, Algebra, functions/modeling and Statistics. This course has a special focus on personal ethic, work ethic, teamwork, and communication through problem based learning. This course is intended for students who are not projected ready for college-level math as of the end of their Junior year.
This course is a math elective and may NOT satisfy the graduation requirements. Passing this course with a C or better will allow students to sign-up for MAT 109 or MAT 110 at any Illinois Community college.

## MA420 - Pre-Calculus

Open to 11-12
Prerequisite: Algebra II

## 1 Credit

Full Year
Expanding on the concepts introduced in Algebra II, Pre-Calculus emphasizes and prepares students for college coursework. Students will further develop the skills to simplify and solve the following: polynomial equations and inequalities, logarithmic and exponential functions, rational equations and inequalities, radical equations, and inequalities. Students will also study functions and the relationships between their graphs and their equation. This includes domain, range, inverses, shifts, reflections, symmetry, maximums and minimums, and conic sections. This course will include topics in trigonometry including graphing, identities, circular functions, solutions of triangles, and introductory Calculus topics. A graphing calculator (TI-84 or higher) is recommended, but students must have at least a scientific calculator.

## MA450 - Honors Pre-Calculus

Open to 11-12
Prerequisite: Algebra II
1 Credit
Full Year
Expands on the concepts introduced in Honors Algebra II and is a study of topics essential to calculus, this course differs from regular PreCalculus in the variety of topics and in the depth and rigor in which they are covered. Trigonometry will include trigonometric formulas, solving equations, and the use of the law of sines and cosines. These topics include trigonometry, vectors, functions (polynomial, rational, exponential, and logarithmic), systems of equations and inequalities, sequences, series, parametric equations, and limits. Students completing this course are prepared for the AP Calculus course. A Ti-84 graphing calculator is recommended.

## MA460 - AP Calculus AB

Open to 11-12 $\quad 1$ Credit

Prerequisite: Pre-Calculus Full Year
AP Calculus AB is a college level course that follows a syllabus approved by the College Board. Topics covered for the AB portion will include functions, graphs and limits, derivatives and their applications, and integrals and their applications, l'Hopital's Rule, logistic equations, and various methods of antidifferentiation. Special emphasis is placed on an understanding in the use of technology and representation (graphical, numerical, analytical and written). A Ti-84 graphing calculator is recommended. Students are expected to take the Advanced Placement Calculus AB exam at the completion of the course.

## MA470 - AP Calculus BC \& Lab

## Open to 11-12 <br> 2 Credit <br> Prerequisite: Pre-Calculus <br> Full Year

AP Calculus $B C$ is a college level course that follows a syllabus approved by the College Board. This course will cover $A B$ and $B C$ Calculus. Topics covered for the $A B$ portion will include functions, graphs and limits, derivatives and their applications and integrals and their applications, l'Hopital's Rule, logistic equations, and various methods of antidifferentiation. Special emphasis is placed on an understanding of the use of technology and representing things in various ways (graphical, numerical, analytical and written). BC topics include parametric, vector, and polar functions, slope fields, arc length, sequences, and series. A TI-84 graphing calculator is recommended.
Students are expected to take the Advanced Placement Calculus BC exam at the completion of the course.

## PHYSICAL EDUCATION

## PE100 - Physical Education

Open to 9-10-11-12
Prerequisite: None
0.5 Credit Semester

This course is an introduction to a wide variety of activities offered in the Physical Education curriculum. Students will complete fitness testing at the beginning and end of each course. Students will learn the rules and fundamental skills of a variety of activities which may include softball, touch football, soccer, tennis, volleyball, basketball, table tennis, badminton, pickleball, weight training, dance, and various cardiovascular activities.

## PE105 - Health

Open to 9
Prerequisite: None
Students will explore the dimensions of social, mental, emotional, physical, spiritual, and environmental health. This course stresses principles adaptable to living to the fullest today toward accepting oneself, associating harmoniously with others, and practicing wellness. Upon completion of this course, students will also explore the topics of death/grieving, alcohol-drugs-tobacco use/abuse, human growth/reproduction, AHA hands-only CPR, fitness/nutrition, prevention/control of diseases, and much more.

## PE110 - Driver Education

Open to 9-10
0.5 Credit

Prerequisite: See description below Semester
Students must have passed eight courses from the previous two semesters and be 15 years of age to enroll in Driver Education. The course includes instruction in the classroom and behind the wheel. A fee of $\$ 250$ will be charged by the school and $\$ 20$ by the State of Illinois for the Learner's Permit. The $\$ 20$ fee must be paid by the first day of the term in order for the student to receive their state-issued permit.
https://www.cyberdriveillinois.com/publications/p df_publications/dsd_a112.pdf
Fees must be paid before a student can enroll in Driver Education. If you are unable to make payment for Driver Education, please contact us at (309) 9732001.

## PE205 - Individual Fitness

Open to 10-11-12
Prerequisite: Physical Education
0.5 Credit

Semester

This is a noncompetitive option for the student looking to improve their fitness level and learn the basic concepts and fundamentals of exercise, while designing a program that meets and achieves their personal goals. The class will focus on the individual tracking progress and improving workouts. Students will learn the basic concepts of strength training, cardiovascular training, and mobility training. Students will understand why they should exercise and how to implement a successful fitness routine that works for their individual needs.

## PE210 - Dance

Open to 10-11-12
Prerequisite: Physical Education
0.5 Credit Semester

Dance is an introduction to basic dance, movement, technique, and routines designed for the beginner. Included areas are beginning jazz, ballet, hip-hop, and cardiovascular fitness training. This course may be repeated and requires designing and performing routines in class.

## PE220 - Aerobics

## Open to 10-11-12 <br> 0.5 Credit <br> Prerequisite: Physical Education <br> Semester

Aerobics is designed for the individual who enjoys exercising to music. The class will feature a number of different aerobic type exercises from step aerobics, low impact aerobics, cardio-kick, relaxation and stretching, along with toning exercises and yoga. Students will learn to monitor their heart rate in order to achieve the proper workout at their target heart rate.

## PE230 - Swimming

Open to 10-11-12
Prerequisite: Physical Education
0.5 Credit

Semester

Swimming is a course designed to provide essential and skill specific instruction to students. As learning to swim is a life skill, it is recommended that every student should participate in one section of Swimming once in high school. Instruction will include basic water safety, basic strokes, water games, and aerobics. Students are expected to bring their own suits and goggles.

## PE240 - Weight Training

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Physical Education | Semester |

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will learn the basic fundamentals of strength training, aerobic and anaerobic exercise, and how they contribute to short and long-term fitness goals. Learning will occur in a weight room environment for hands-on experience.

## PE250 - Intro to Sport Training

Open to 9-10
Prerequisite: JV sport participation Semester
Students will learn the proper form in strength training exercises that are designed to improve muscular strength and overall fitness. This course will consist of: weight training, agility training, aerobic and anaerobic activities which are designed in conjunction with their current sport. This class can be repeated.

PE300 - Advanced Sport Training

Open to 11-12
Prerequisite: Varsity sport participation
0.5 Credit Semester

Students in Advanced Sport Training will participate in advanced strength training exercises designed to improve muscular strength and overall fitness. This course will consist of: weight training, agility training, aerobic and anaerobic activities which are designed in conjunction with varsity coaches. Students will also identify and understand muscle groups in relation to various exercises, as well as the proper techniques used in various exercises. This class can be repeated.

## SCIENCE

## SC100 - Life Science

Open to 11-12<br>Prerequisite: Recommendation<br>1 Credit<br>Full Year

Life Science is designed for those students who have an interest in living things but who have a difficulty in reading and/or understanding difficult concepts in this area. A simplified, less technical vocabulary is used in building biological concepts and a practical rather than theoretical approach is emphasized.

## SC105 - Biology

Open to 9-10-11-12
1 Credit
Prerequisite: None
Full Year
Biology is the study of life. Five major themes will be studied:1. Energy, Matter, and Organization 2. Homeostasis 3. Genetic Continuity and Reproduction 4. Interaction and Interdependence 5. Variation and Adaptation. Biology has become important for choosing a vocation, maintaining health, making good ecological decisions, understanding how science and technology relate to everyday life, and in general, becoming a responsible member of society.

## SC205 - Physical Science

Open to 10-11-12
Prerequisite: Applied Algebra I

1 Credit Full Year

Physical Science is an introduction to physics and chemistry. The first semester of the course will cover physics topics including scientific measurement, motion, work, force, power, energy, electricity, and magnetism. The second semester of the course will include chemistry topics such as properties of matter, phases, classifications of matter, periodic trends, chemical bonding, reaction types, acids and bases. This class involves hands-on laboratory activities. Basic algebra skills will be needed to solve basic physics equations.

SC230 - Chemistry
Open to 10-11-12
Prerequisite: Algebra I
1 Credit
Full Year
Chemistry is the study of matter, its structure, properties, composition and the changes it undergoes. The topics include: measurements and dimensional analysis, chemical properties and classification, atomic structure and periodic trends, chemical bonding and formulas, chemical equations and reactions, stoichiometry, and gas laws, acids and bases. Laboratory investigations are an integral part of the class. Chemical resistant safety goggles and a scientific calculator (TI-30 or equivalent) are recommended.

## SC310 - Forensic Science

Open to 11-12
Prerequisite: None

1 Credit
Full Year

This course is only for students in the Student Success program.
Forensic Science is a course that applies science (chemistry, physics, and biology) to the criminal and civil laws enforced in the criminal justice system. This elective course offers rich exploration and lab investigation covering new developments in the area of forensics. It includes fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisoning, blood splatter, and blood sample investigation.
This course earns elective credit.

SC315 - Environmental Science

Open to 11-12
Prerequisite: Biology

1 Credit

Environmental Science emphasizes the understanding of natural processes and approaches problem solving by considering the total ecosystem. Students will learn about human modifications to the ecosystem and the future implication of those modifications to the ecosystem. Students will be actively engaged in discussions, perform hands-on experiments, and work cooperatively on environmental problem solving projects.

## SC320 - Anatomy and Physiology

Open to 11-12
Prerequisite: Biology and Chemistry

## 1 Credit

Full Year
Anatomy and Physiology is the study of the structure and function of the human body. The study begins at the cellular level and proceeds through selected organ systems. This course requires students to engage in laboratory experience. Students are expected to participate in personal health and exercise applications. Students are expected to dissect. The course is appropriate for students intent on a four year program as well as those seeking training in sport and/or medical and healthcare fields.

## SC325 - Zoology

Open to 11-12
Prerequisite: Biology and Chemistry

1 Credit
Full Year

Zoology is designed to explore the animal kingdom in a variety of ways. During semester 1, students will explore the diversity of invertebrates while during semester 2 students will explore the diversity of vertebrates. We will examine the ways biologists organize this diversity into a classification system that uses a variety of relationships between and within animal groups. We will also examine animal characteristics that have allowed them to develop and adapt as a result of environmental pressure. Dissections will be a required activity in these classes.

## SC330 - Chemistry II

## Open to 11-12

Prerequisite: Chemistry and Algebra II

## 1 Credit

 Full YearThis class is meant to prepare students for the study of the sciences in college. The first semester is an extension of the first year of chemistry including an in-depth study of: stoichiometry, acids and bases. thermodynamics, oxidation and reduction, electrochemistry, organic chemistry, and nuclear chemistry. The second semester will be devoted to qualitative analysis, a laboratory based topic to identify unknown solutions of chemicals. Students work independently and will improve their laboratory skills. Chemical resistant safety goggles and a scientific calculator (TI-30 or equivalent) are recommended.

## SC335 - Dual Credit Biology Class

SC336 - Dual Credit Biology Lab

| Open to 10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Chemistry | Semester |

Must be taken concurrently. Dual Credit Biology is a college introductory level course equivalent to BIO101 at Carl Sandburg College Students planning on going into nursing, dental hygiene, or a attend a 4 year college should consider taking this course. This course will fulfill lab science general education requirements for non-science degrees.Topics include: molecules and cells, enzymes and energy, genetics, DNA technology, evolution, and ecology.
Students will follow Carl Sandburg's enrollment guidelines.

## SC340 - Physics

Open to 11-12
Prerequisite: Algebra II

## 1 Credit

Full Year

Physics covers topics such as motion, force, energy, momentum, waves, sound, light, optics, electricity, and magnetism. Extra topics such as relativity, string theory, extra dimensions, space, and time are also explored. This course provides a basic introduction to physics for students who may be interested in careers such as engineering, architecture, medicine, aerospace, computer science, astronomy, and meteorology. Physics is also designed for students who are considering other careers but who are curious about the universe.

## SC350 - AP Biology

Open to 10-11-12
Prerequisite: Chemistry
1 Credit Full Year

AP Biology is a course equivalent to introductory biology at the college level. This course is best for students planning on pursuing a 4 year degree in a science field after high school. Topics will include: molecules and cells, energy flow, heredity and evolution, and organisms and populations. Students are expected to take the Advanced Placement Biology exam at the completion of the course.

## SC370 - AP Physics I

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Algebra II | Full Year |

AP Physics 1 is equivalent to a college course in algebra-based physics. The course is designed for students interested in careers such as engineering, architecture, medicine, aerospace, computer science, astronomy, and meteorology. The course covers motion, force, work, energy, power, momentum, torque, and harmonic motion. Students may take AP Physics I without taking regular Physics.
Students are expected to take the AP Physics 1 exam and may earn college credit depending on their scores.

SC380 - AP Physics II
$\begin{array}{ll}\text { Open to 11-12 } & 1 \text { Credit } \\ \text { Prerequisite: AP Physics । } & \text { Full Year }\end{array}$
AP Physics 2 is equivalent to a second-semester college course in algebra-based physics and is a continuation of AP Physics 1. The course is designed for students interested in careers such as engineering, architecture, medicine, aerospace, computer science, astronomy, and meteorology. The course covers thermodynamics, electricity and magnetism, waves, sound, optics, quantum physics, and nuclear physics.
Students are expected to take the AP Physics 2 exam in the spring and may earn college credit depending on their test scores.

## SOCIAL STUDIES

| SS105 - Civics |  |
| :--- | :--- |
| Open to 9-10 | 0.5 Credit |
| Prerequisite: None | Semester |

The civics course will provide students with the knowledge and experiences to participate actively and effectively in civic life. The course content will focus on local, state, and federal government, the discussion and debate of controversial issues, service learning, and simulations of democratic processes.

## SS110 - Early World History

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester
This course is a survey of history from the origins of humans through the Age of Exploration from a global perspective. Students will examine political, social, cultural, economic, and education developments in the history of humankind. This course incorporates current events and teaches social studies skills.

SS220 - Sociology

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Sociology is the study of the structure, function, and development of human society. Topics of study include family, religion, social structure, race, ethnicity, gender roles, in addition to major sociological perspectives. Students will engage in class discussions, group work, and readings while expressing their opinions both verbally and in writing.

## SS225 - Criminal Justice

Open to 10-11-12

### 0.5 Credit

Prerequisite: None Semester

Criminal Justice introduces students to the study of substantive and procedural criminal law. The major topics of study include the purposes and elements of criminal law, defenses to crimes and criminal sentencing. Course content will also focus on principles and functions of crime, mental state, intent, juvenile delinquency and criminological theories throughout history to present day. Criminal Justice is designed for students with any career interest but designed for those interested in a law or law enforcement careers.

## SS240 - Psychology: Brain \& Personality

Open to 10-11-12
Prerequisite: None
0.5 Credit Semester

A one semester course introducing concepts related to the field of Psychology, this course will cover various topics related to biopsychology, motivation, personality, and intelligence, stress and health, psychological disorders, as well as social psychology. Students will gain a better understanding of why people behave the way they do! Students may choose to take one or both of the offered psychology courses in any order.

## SS245 - Psychology: Develop \& Cognition

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

A one semester course introducing concepts related to the field of Psychology, this course will cover various topics related to careers in psychology and psychological research, biopsychology and lifespan development, states of consciousness, sensation, and perception, as well as cognition and memory. Students will gain a better understanding of themselves and the people around them through the lens of Psychology! Students may choose to take one or both of the offered psychology courses in any order.

## SS250 - AP Human Geography

Open to 10-11-12 1 Credit
Prerequisite: None Full Year
AP Human Geography is an introductory collegelevel human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like migration, culture, rural and urban land use, and societal changes.
Students will be expected to take the AP Human
Geography exam in the spring.

SS305 - American Century (1900-2000)

| Open to 11 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Full Year |

The curriculum of this course explores the profound influence of the United States throughout the 20th Century. By exploring social, cultural, political, and military history of the "American Story", students will learn their nation's recent history and better understand current events, issues, and trends in the American experience.

## SS310 - Current Issues

| Open to 11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

The curriculum of this course changes daily with the events of our country and the world. Students will undertake research, discussion, and presentation tasks related to social justice, economics, and political events of the current time. The ultimate goal is to create civil discourse techniques related to these topics.

## SS325 - Law in America

| Open to 11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Law in America is designed to provide an introduction to the United States Constitution, its Amendments, and structure of the U.S. government. Students will examine the constitutional status of individual rights, liberties, and protections with an emphasis on U.S. Supreme Court decisions. It is appropriate for students with any career interest, but tailored to those interested in a law career.

SS330 - Honors American Studies

EN330 - Honors American Studies

| Open to 11 | 2 Credits |
| :--- | :--- |
| Prerequisite: Civics | Full Year |

Must be taken concurrently. Honors American Studies is a team-taught course combining American history and literature. These are explored together to better understand philosophies, issues and policies that shape lives today. Reading, writing, and oral projects are taught in this hands-on, non-traditional course; oral communication assignments will fulfill the public speaking graduation requirement. This class is designed for the college-bound student.

## SS340-Macroeconomics

Open to 11-12
Prerequisite: None
Macroeconomics is the study of the structure, function, and behavior of the economy as a whole. Topics of study include economic systems, markets, indicators, fiscal policy, monetary policy, as well as government spending and taxation. Students will use principles and models to describe current economic situations, as well as predict future outcomes using graphs, charts, and data.
This course meets the state graduation requirement for Consumer Education.
0.5 Credit

Semester

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## SS350 - AP Psychology

Open to 10-11-12 1 Credit Prerequisite: None Full Year
Students within this course will gain a better understanding of the foundations of psychology, biopsychology, sensation and perception, learning, cognitive psychology, developmental psychology, motivation, emotion, and personality, clinical psychology, and social psychology. Students will benefit from taking this course as a means to boost their GPA and possibly earn college credit.
Students are expected to take the AP Psychology exam and may earn college credit depending on their scores.

## SS345 - Microeconomics

Open to 11-12
Prerequisite: None
0.5 Credit

Semester

Microeconomics is the study of how individuals and businesses make decisions based on the concepts of scarcity, supply, demand, and marginal analysis. Topics of study include production choices, market efficiencies, and personal finance. Students will use principles and models of economics to describe current economic situations, as well as predict future outcomes using graphs, charts, and data. This course meets the state graduation requirement for Consumer Education.

## SPECIAL EDUCATION

## 0EN10 - Applied Reading

Open to 9-10-11-12
1 Credit
Prerequisite: None
Full Year

The content focus is to help students develop reading skills and become better readers. They are introduced to a variety of reading strategies intended to lead to the improvement of their reading skills. This class uses novels, short stories, non-fiction texts, and other supplementary materials to improve skills.

## 0EN11 - Reading Strategies

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester

Emphasis is on providing students with reading strategies to improve fluency and comprehension skills. Literature and nonfiction texts are chosen based on students' interests and skill levels.

## OEN12 - Applied English

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year
The focus is to read and discuss examples of literary genres, write formally in response to literature and nonfiction text in various formats, and further develop communication and research skills.

## OEN13 - English 9/10

Open to 9-10
Prerequisite: None

## 1 Credit

Full Year

The focus is to read and discuss examples of literary genres, write formally in response to literature and nonfiction text in various formats, and further develop communication and research skills.

OEN14 - English 11/12
$\begin{array}{ll}\text { Open to 11-12 } & 1 \text { Credit } \\ \text { Prerequisite: English 9/10 } & \text { Full Year }\end{array}$
The focus is to expand the skills developed in previous years by continuing to read and discuss examples of literary genres, write formally in response to literature and nonfiction in various formats, and further develop skills in communication and research. A variety of oral communication activities and assignments fulfill the public speaking graduation requirement.

OEN15 - Applied Writing
Open to 9-10-11-12
1 Credit
Prerequisite: None
Full Year
This course is designed to enhance students' ability to write for a variety of purposes and audiences. Content will focus on building a solid framework for sentence writing and paragraph writing. Emphasis on grammar, vocabulary, and writing mechanics will be included.

OEN1 6 - Writing

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester

The focus is to enhance students' ability to write clearly and coherently for a variety of purposes and audiences. Emphasis is on grammar, mechanics of writing, vocabulary development, and research skills.

OMA10 - Life Math

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year

Life Math continues to work on math skills to show mastery in math operations, whole number theory, and math used in real life experiences..

## OMA11 - Applied Math I

Open to 9-10-11-12
Prerequisite: None

## 1 Credit

Full Year
Applied Math I focuses on introductory concepts to help students develop and strengthen computational skills in the four operations, comparing numbers, and patterns involving numbers and shapes following a given rule.

## OMA12 - Applied Math II

Open to 9-10-11-12
Prerequisite: Applied Math I

## 1 Credit

Full Year

This course builds on the concepts acquired in Applied Math I to help students develop and strengthen computational skills in four operations, classifying shapes, rounding, and introducing fraction skills.

## 0MA13 - Foundational Math

Open to 9-10-11-12
Prerequisite: Applied Math II

1 Credit
Full Year

Foundational Math introduces fundamental math concepts to help students develop and strengthen computational skills in four operations; emphasis on order of operations, decimals, fractions, and general understanding of customary measurement systems, introducing graphing skills, and measure of central tendency.

## OMA14 - Pre-Algebra

Open to 9-10-11-12
Prerequisite: Foundational Math

1 Credit
Full Year

The focus of the course is to expand on foundational math skills and prepare students for Integrated Algebra. Topics covered include onestep algebraic equations and inequalities, exponents, ratios, proportions, percents, and expanding graphic knowledge.

## 0MA15 - Integrated Algebra

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Pre-Algebra | Semester |

Integrated Algebra is designed to provide students with additional practice with skills covered in Pre-Algebra. Topics taught include math operations, exponents/scientific notation, multi-step algebraic expressions and equations, inequalities, and solving linear equations.

## OMA16 - Integrated Geometry

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: Pre-Algebra | Semester |

This class is practical approach to studying Geometry. Units of study include lines, angles, polygons, circles, and formulas including perimeter, area, surface area, volume and congruence. The course was designed to meet minimum requirements of the State of IL for Geometry.

## 0SC10 - Applied Life Science

Open to 9-10-11-12
Prerequisite: None

1 Credit Full Year

The content focus is on vocabulary and concepts associated with the study of life science. Students explore living things, cell processes, viruses, bacteria, protists, fungi, plants, animals, and genetics. Reasoning skills are emphasized in labs and class activities.

## OSC11 - Life Science

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year

Life Science is designed for those students who have an interest in living things but who have a difficulty in reading and/or understanding difficult concepts in this area. A simplified, less technical vocabulary is used in building biological concepts and a practical rather than theoretical approach is emphasized.

## OSC12 - Applied Physical Science

## Open to 9-10-11-12 <br> Prerequisite: None <br> 1 Credit <br> Full Year

Physical Science is an introduction to physics and chemistry. The first term of the course will cover physics topics including scientific measurement, motion, work, force, power, energy, electricity, and magnetism. The second term of the course will include chemistry topics such as properties of matter, phases, classifications of matter, periodic trends, chemical bonding, reaction types, acids and bases. This class involves hands-on laboratory activities. Basic algebra skills will be needed to solve basic physics equations.

## 0SC13 - Physical Science

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year

Physical Science is an introduction to physics and chemistry. The first term of the course will cover physics topics including scientific measurement, motion, work, force, power, energy, electricity, and magnetism. The second term of the course will include chemistry topics such as properties of matter, phases, classifications of matter, periodic trends, chemical bonding, reaction types, acids and bases. This class involves hands-on laboratory activities. Basic algebra skills will be needed to solve basic physics equations.

## 0SC14 - Human Body Systems

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year

Human Body Systems examines the processes, structures, health issues, and interactions related to each of the systems in the human body.

## OSS10 - Geography

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester

Geography is the study of "What is where and why is it there". Students in this class learn how to create, read, and use maps of all kinds. In addition, students will learn about the Five Themes of Geography while studying the major regions of the United States and completing projects about the world in which they live.

## OSS11 - Applied Civics

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

Semester

The Applied Civics course provides students with the knowledge and experiences to participate actively and effectively in civic life. The course content focuses on local, state, and federal government, the discussion and debate of controversial issues, service learning, and simulations of democratic processes.

## 0SS12 - Civics

Open to 9-10-11-12
0.5 Credit Prerequisite: None Semester

The Civics course provides students with the knowledge and experiences to participate actively and effectively in civic life. The course content focuses on local, state, and federal government, the discussion and debate of controversial issues, service learning, and simulations of democratic processes.

## OSS13 - Applied American Century

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year
This course explores the profound influence of the United States throughout the 20th Century. By exploring social, cultural, political, and military history of the United States, students will learn their nation's recent history and better understand current events, issues, and trends in the American experience.

0SS14 - American Century
Open to 9-10-11-12
Prerequisite: None
1 Credit
Full Year
This course explores the profound influence of the United States throughout the 20th Century. By exploring social, cultural, political, and military history of the United States, students will learn their nation's recent history and better understand current events, issues, and trends in the American experience.

## OSS15 - Multicultural Studies

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

This course examines specific cultures of immigrant groups who immigrated to the United States. Cultures such as Hispanic-American, African-American, Asian American, Native American and others are covered and discussed. Group discussions will be used to help students foster an appreciation of diversity in our society.

## 0SS16 - Current Issues

Open to 11-12
Prerequisite: None

### 0.5 Credit

 SemesterThe curriculum of this course changes daily with the events of our country and the world. Students will undertake research, discussion, and presentation tasks related to social justice, economics, and political events of the current time. The ultimate goal is to create civil discourse techniques related to these topics.

0EL10 - Independent Living Skills

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: none | Semester |

This course is designed to teach students the skills they need when they are out in the "real world". Topics to be discussed will include, but not limited to, are hygiene, social skills, independent living skills, valuing self and others, communication skills, handling stress, and travel training within the local community. This course may include field trips within town.

0BU10 - Applied Consumer Education

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

This course is designed to prepare students to be informed buyers in today's market. The following topics may be included: decision-making, budgets, checking accounts, fraud, rights and responsibilities, goods buying, housing, credit, insurance, and investing. This class follows the Independent Living course.
This course will meet the consumer education requirement for graduation.

## 0BU11 - Consumer Education

| Open to 10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

While also a graduation requirement, this course provides a practical background for participation in today's economy to effectively function as a consumer, saver, investor, entrepreneur and citizen. Some topics studied during the term include: consumer protection, buying goods and services, budgeting, banking, credit, housing, life and health insurance, buying a car, savings and investments, social security and taxes. The objective is to give the student an understanding and knowledge of what is needed to make rational decisions as a consumer today and in the future.
This course will meet the consumer education requirement for graduation.

## 0EL11 - Strategies for Success

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Students learn daily life strategies designed to guide them in building better character, boosting self-confidence, resisting negative peer pressure, managing emotions, building positive relationships, and setting and achieving personal goals.

## 0EL12 - Academic Enhancement

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

The focus of this course is on the development and strengthening of study skills in the areas of note-taking, test preparation, written and verbal communication, time management, organization, academic engagement, and critical problem solving.
*This course is to be taken once, but can be retaken at case manager discretion.

OPE10 - Health

| Open to 9-10 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

Students will explore the dimensions of social, mental, emotional, physical, spiritual, and environmental health. This course stresses principles adaptable to living to the fullest today toward accepting oneself, associating harmoniously with others, and practicing wellness. Upon completion of this course, students will also explore the topics of death/grieving, alcohol-drugs-tobacco use/abuse, human growth/reproduction, AHA hands-only CPR, fitness/nutrition, prevention/control of diseases, and much more.

## 0VO64 - Job Search

Open to 10-11-12
Prerequisite: None
Job Search prepares students with the skills necessary to find and maintain a job in the community. Topics taught include job leads, applications, interviews, resumes, and grooming. This class is a prerequisite for STEP.

## OVO68 - Mini Shop

| Open to 9-10-11-12 | 0.5 Credit |
| :--- | :--- |
| Prerequisite: None | Semester |

A vocational workshop that provides students with a realistic job setting within the school. The students follow a complete process of orders, production, quality control, delivery and customer satisfaction. Students are assessed on attendance, accuracy, ability to work with others, and following directions.

## 0VO75 - STEP Class

## 0VO76 - STEP Lab

| Open to 11-12 | 2Credits |
| :--- | :--- |
| Prerequisite: Job Search | Full Year |

Must be taken concurrently, A school-to-work program in which students job shadow and apply for jobs with a goal to obtain competitive employment in the community. Students receive supervision from employers, STEP teachers and job coaches. The STEP program is a partnership with the Department of Rehabilitation Services (DRS). The STEP coordinator and DRS determines eligibility for approval.

## WORLD LANGUAGE

## FRENCH

## WL105 - French I <br> Open to 9-10-11-12 <br> Prerequisite: None <br> 1 Credit <br> Full Year

French I offers practice in pronunciation and focuses on learning short, simple, widely used expressions. The course aims to develop these basic skills: listening comprehension, speaking, reading, and writing. Basic grammar concepts are introduced, as are various aspects of Frenchspeaking life and culture. French I is designed for students who are new to the French language.

## WL205 - French II

Open to 10-11-12
Prerequisite: French I

1 Credit
Full Year

French 2 builds upon grammar and vocabulary that were taught in French 1, as well as a continued focus on high-frequency vocabulary. Short readings in French integrate geography, history and culture of the French speaking world. Students will use the four language skills (reading, writing, listening, and speaking) in a more complex manner. Additionally, students will read a short novel and there will be a unit on French castles.

## WL305 - French III

## Open to 11-12 <br> Prerequisite: French II <br> 1 Credit <br> Full Year

French 3 students are encouraged to abandon English as much as possible, both in speaking and in writing. Conversation is encouraged with the use of free conversation, class discussions, and prepared speeches. Previously studied tenses are strengthened and additional verb tenses are introduced. Students read a longer novel, watch a film, and continue to work on the 4 modes of communication (writing, speaking, listening, and reading). Students will complete a project on raising awareness to environmental issues and students will learn about the French Revolution. In the spring, the Seal of Biliteracy test will be offered for students to demonstrate their proficiency in the areas of reading, writing, speaking and listening.

## WL405 - French IV

| Open to 12 | 1 Credit |
| :--- | :--- |
| Prerequisite: French III | Full Year |

In French 4, students complete an introduction to all tenses and modes while continuing to work on developing fluency in all aspects of the language. Students are encouraged to participate in small and whole group discussions to help master oral expression. Students will discuss the history of Africa and read "Le Petit Prince" (The Little Prince). Students will read short stories, watch movies, and watch a TV series to help expand student exposure to the language.
In the spring, the Seal of Biliteracy test is offered for students to demonstrate their proficiency in the areas of reading, writing, listening, and speaking.

## GERMAN

## WL110 - German I

Open to 9-10-11-12
Prerequisite: None

1 Credit
Full Year

German 1 introduces students to high-frequency vocabulary using storytelling, questions, readings, songs, and short videos. Students will practice the skills of reading, listening, speaking, and writing. Topics include family, school, free-time activities, and sports. German is often recommended for students interested in international business and the scientific fields.

## WL210 - German II

| Open to 10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: German I | Full Year |

German 2 expands the vocabulary and complexity of phrases that students can use. This course also improves skills in the areas of listening, speaking, writing, and reading. Students will begin to use more materials made for native speakers and interact with speakers from our partner school in Germany.

## WL310 - German III

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: German II | Full Year |

German 3 continues to build on the skills of students in German 2. Authentic films will be used to improve discussion and understanding of cultural issues. In particular, students will investigate life in East and West Germany during the Cold War and German Reunification. In the spring, the Seal of Biliteracy test is offered for students to demonstrate their proficiency in the areas of reading, writing, listening, and speaking.

## WL410 - German IV

Open to 11-12
Prerequisite: German III
1 Credit
Full Year
In German 4, students will produce German with increasing confidence. Resources such as films, music and video clips will be used. In-class discussion will become more in-depth as more vocabulary has been acquired. In the spring, the Seal of Biliteracy test is offered for students to demonstrate their proficiency in the areas of reading, writing, listening and speaking.

## WL510 - German V

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: German IV | Full Year |

Students will explore Germanic history in greater depth. German 5 students will participate in more complex discussions and writing. Students will also read more complex texts.

## WL111 - German Short Stories

Open to 9-10-11-12
Prerequisite: None
0.5 Credit

This course is in English. Students will learn the structure and purpose of the fairy tale and examine different German short stories. Examples include selections from Struweelpeter, Grimm's Fairy Tales, Max und Moritz, and selections from some propaganda books to understand how books are used to affect children's behavior positively and negatively. This course will not count towards Academic Hall of Fame.

## SPANISH

## WL115 - Spanish I

Open to 9-10-11-12
1 Credit
Prerequisite: None
Full Year
Spanish 1 aims to develop listening, speaking, reading and writing skills. Class activities are designed to enable students to engage with the language. Various aspects of Hispanic life and culture will be included as well as songs, videos, and novels.
Spanish 1 is designed for students new to the Spanish language.

## WL215 - Spanish II

Open to 9-10-11-12
Prerequisite: Spanish I
1 Credit

Spanish 2 is a review and continuation of Spanish 1. Students further develop the four skills of reading, writing, listening and speaking. Spanish 2 includes novels, songs, videos, and a unit about Spanish artists.
Spanish 2 is designed for students whom Spanish is a Second language.

## WL315 - Spanish III

Open to 10-11-12
Prerequisite: Spanish II

## 1 Credit

Full Year
In Spanish 3 students are encouraged to abandon English as much as possible, both in speaking and writing. Conversation is encouraged with the use of free conversation and class discussions. Students read novels and continue to work on the 4 modes of communication (writing, speaking, listening and reading).
In the spring, the Seal of Biliteracy test will be offered for students to demonstrate their proficiency in the language.

## WL320 - Heritage Spanish

Open to 9-10-11-12
1 Credit
Prerequisite: None
Full Year
This course is designed for heritage speakers who want to further their Spanish skills with a focus on reading and writing. Students will read a variety of novels while also experiencing the language through oral and written performance-based activities. Students will have the opportunity to explore their unique identity and gain a deeper understanding of their own cultural heritage. This course is designed to be taken for 2 years.

## WL415 - Spanish IV

| Open to 10-11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Spanish III | Full Year |

In Spanish 4, students are encouraged to participate in small and whole group discussions. Novels and movies are used to introduce students to history and current events in the Spanish-speaking world. Additionally, a TV series is used to help expand student exposure to the language.
In the spring, the Seal of Biliteracy test will be offered for students to demonstrate their proficiency in the language.

## WL515 - Spanish V

| Open to 11-12 | 1 Credit |
| :--- | :--- |
| Prerequisite: Spanish IV | Full Year |

Spanish V continues to work on developing fluency in all aspects of the language. Oral expression is encouraged through dialogues and discussion. Students will focus on increasing their ability to communicate in Spanish. Short stories, cultural selections, and novels will be read and discussed.
In the spring, the Seal of Biliteracy test will be offered for students to demonstrate their proficiency in the language.


[^0]:    TomHawkins
    Principal
    Galesburg High School

[^1]: