

**GALESBURG HIGH SCHOOL
2016-2017
COURSE OFFERING BOOK**



**GALESBURG HIGH SCHOOL
1135 W. FREMONT ST.
GALESBURG, IL 61401
(309)-973-2001**

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TO THE PARENTS

Galesburg High School is a comprehensive four-year high school offering over 230 different courses. This booklet is offered to assist you in planning your student's educational future. We ask families to work with their student's assigned counselor to establish a plan and make adjustments as necessary throughout the high school years. It is our hope that all students will take advantage of the many opportunities Galesburg High School has to offer and that they will challenge themselves to the maximum of their abilities. . Once selections are made and classes begin, students are not allowed to change courses after the third day of the term without a parent/teacher conference to determine the appropriateness of a change in placement. Administrative approval is also required. Except for extraordinary circumstances, changes are only made at the end of a grading period.

TO THE STUDENTS

We have prepared this course offering booklet with the hope that it will enable you, your parents, and your counselor to decide upon a program that will best prepare you for the future. You should pay close attention to the prerequisites and the courses offered every other year. Good planning should be a high priority as you continue through Galesburg High School.

EQUAL EDUCATIONAL OPPORTUNITY

COMMUNITY UNIT DISTRICT #205 INSURES EQUAL EDUCATIONAL OPPORTUNITIES ARE OFFERED TO STUDENTS, REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, AGE, SEX, RELIGION, OR HANDICAP. QUESTIONS IN REFERENCE TO EDUCATIONAL OPPORTUNITIES MAY BE DIRECTED TO THE PRINCIPAL AT GALESBURG HIGH SCHOOL, 1135 W. FREMONT STREET, GALESBURG, IL 61401 - TELEPHONE: (309) 973-2001.

REGISTRATION INFORMATION FOR 2016-2017

Registration is a very crucial time for students at all four grade levels. We would encourage all students to seek advice from parents, teachers, and counselors before registering for next year.

Ninth Grade Registration – Incoming Freshmen will be registered at their schools, Lombard, Churchill, and Costa in late February. There will be a parent/student information night on February 23, 2016 in the GHS Auditorium to orientate freshmen parents and students and to answer any questions they might have.

Tenth, Eleventh and Twelfth Grade Registration - Sophomores, Juniors and Seniors will be registered in January and February. Counselors will meet with individual students later in the spring to review any possible conflicts. Courses with low enrollment could possibly be eliminated.

GRADUATION REQUIREMENTS

A minimum of 28 total credits is required for graduation. A half credit is earned for each single term class that is successfully completed. The following specific subject requirements are also required:

SUBJECT REQUIREMENTS ARE: (SOURCE: Board Policy 655.09)

1. Eight terms of English, grades 9 through 12 (including a writing intensive course and an oral communications course)
2. Five terms of Social Studies (Civics, U.S. History and a course in “global studies” is required)
3. Six terms of Mathematics (including Algebra and Geometry)
4. Four terms of Science
5. One term of Health (Must be taken by completion of sophomore year)
6. Physical Education as required by law. (See counselor)
7. One term of Consumer Education or Economics.
8. Four terms chosen from: Fine Arts, Foreign Language, or Career and Technical Education.

REQUIRED FOR CLASS STANDING

For the 2016-2017 school year the following standard will apply:

0 – 6 credits	Freshman
6 ½ – 12 ½ credits	Sophomore
13 – 19 ½ credits	Junior
20 or more credits	Senior

ILLINOIS PUBLIC COLLEGE AND UNIVERSITY REQUIREMENTS

The ten public universities that admit freshmen have set their high school course requirements for admission. In general they are as follows:

1. Four years (8 terms) of English, emphasizing written and oral communications and literature.
2. Three years (6 terms) of social studies emphasizing history and government.
3. Three years (6 terms) of mathematics, including introductory through advanced algebra, geometry, trigonometry, or fundamentals of computer programming.
4. Three years (6 terms) of laboratory sciences.
5. Two years (4 terms) of electives in foreign languages, music, art, or vocational education.

Be sure to check with the schools to which you intend to apply to determine if there are additional requirements.

ACADEMIC RECOGNITION

Academic Hall of Fame (Class of 2017): Cumulative GPA of 3.9 on a 4.0 scale over 16 terms. Course work must include: 8 terms of English including 2 courses of the following: either College Composition or Honors College Composition, Honors American Studies or AP English; 8 terms of mathematics with a minimum completion of Math Analysis or Honors Pre-calculus; 8 terms of science including College Preparatory Chemistry, Physics/AP Physics, and two terms of an AP Science Course. The other two terms are a student's choice; 6 terms of Social Studies; 6 terms of a single foreign language; and 3 terms of Advanced Placement courses. The remaining electives together with the aforementioned courses must equal sixty-four terms or equivalent as determined by the principal.

Academic Hall of Fame (Class of 2018 and beyond): Cumulative GPA of 3.9 on a 4.0 scale over 16 terms. Course work must include: 8 terms of English including 2 courses of the following: either College Composition or Honors College Composition, Honors American Studies or AP English; 8 terms of mathematics with a minimum completion of Math Analysis or Honors Pre-calculus; must complete 8 terms of Science with course numbers in the 200's or above, with at least 2 of those terms in each of the three main areas of Science: Biology, Chemistry, and Physics; one of which must be an AP Science course; 6 terms of Social Studies; 6 terms of a single foreign language; and 3 terms of Advanced Placement courses. The remaining electives together with the aforementioned courses must equal sixty-four terms or equivalent as determined by the principal.

ADVANCED PLACEMENT

Several Advanced Placement (AP) courses are offered at Galesburg High School. These courses follow a rigorous, college level, curriculum. AP courses are weighted and receive one additional grade point (with the exception of an "F"). Each spring AP exams are offered through the College Board and students taking AP courses are required to take the appropriate exam for the courses taken. Students who do not complete the entire AP course or who do not take the appropriate AP exam in May will have the "AP" designation and additional grade weight removed from their transcript. Students who score well on the exams ("3" or above on a 1-5 scale) may earn college credit. Students should check with specific colleges or universities to learn that school's exact policies regarding AP credit. Registration fees for the AP tests are the responsibility of the individual student. It is possible that fee waivers may be available for qualifying individuals. If a student receives a fee waivers for AP tests they still will need to pay \$20.00 towards the cost of each test they register to take. Information regarding fee waivers can be obtained from a counselor.

STUDENT RESPONSIBILITY

The responsibility for counting credits and meeting graduation requirements and other requirements rests with students and parents. Credits and subject requirements are verified from permanent records. Counselors help students meet graduation requirements through planning course selection during registration. Students considering athletic participation at an NCAA Division I or Division II school after graduation should be certain the courses selected will meet the NCAA requirements. There are forms available from the Athletic Office or online that can assist you in this process.

The following is a list of courses offered to students. Successful completion of a one term course will earn the student 1/2 credit. Successful completion of a two term course will earn the student one credit and 1/2 credit is earned each term. Courses are offered for grade level as specified.

AGRICULTURE EDUCATION

The Agriculture Department strives to offer courses that prepare students to enter and succeed in a wide variety of career opportunities in the agriculture/agribusiness industry. Computer activities are included in each course to teach the complex world of agriculture using real, up-to-date information in the classroom. Students enrolled in the agriculture department also have the opportunity to become involved in the FFA Youth Organization.

INTRODUCTION TO THE AGRICULTURAL INDUSTRY

AG100 2 Terms 1 Credit Grades 9, 10

This introductory course provides an opportunity for students to learn how the agricultural industry is organized; its major components, the economic influence of agriculture at state, national, and international levels, the scope and types of job opportunities that are in the agricultural field. Both agribusiness and production applications are presented. Basic concepts in animal science, plant science, soil science, horticulture, agricultural resources, agribusiness management and agricultural mechanics are included. (Non-laboratory) Computer applications are introduced.

AGRICULTURAL SCIENCE

AG101 2 Terms 1 Credit Grades 9, 10

(Offered 2017-2018) (*Offered alternate years*)

This course is designed to develop student knowledge and skills in the area of agricultural science. Major units of instruction include plant, soil and animal science. Applied math / science skills are stressed throughout the course. Computer applications are utilized as they relate to the instructional units. This course does not fulfill the science requirement for graduation.

HORTICULTURAL SCIENCE

AG102 2 Terms 1 Credit Grades 9 - 12

Students in Horticultural Science are expected to develop an understanding of greenhouse management and plant growth as it relates to lighting, watering, humidity control, fertilizing, and temperature that are necessary for plant growth. Also covered is the identification and uses of foliage, flowering and bedding plants that are common to this area along with the controlling and identification of plant pests, diseases and other disorders that are common to horticultural plants. Further study includes the occupational areas related to the horticultural industry and the variety of jobs available leading to the introduction of merchandising, advertising, displaying, and selling horticultural products and services.

This course fulfills one science requirement for graduation, but may not meet the laboratory science requirement for admissions to Illinois colleges or be accepted as a core academic course for NCAA purposes. Science graduation credit cannot be satisfied by taking both Horticultural Science (AG102) and Animal Science (AG212). A least one credit must be taken from the science curriculum to satisfy the graduation requirement.

VETERINARY SCIENCE

AG103 2 Terms 1 Credit Grades 11, 12

This course provides training in the unlicensed veterinary assistant field. The course includes, but is not limited to, animal handling and restraint, health and safety, sanitation, surgical preparation, anatomy, physiology, medical terminology, infectious diseases, instrument and equipment identification, vaccine preparation and injection techniques, law and ethics, and veterinary office procedures. Instruction is provided to assist students in utilizing communication skills, following directions, practicing basic mathematic skills as applied to a veterinary medical setting, and reading to gain information and to perform assignments and tasks as directed. Students are also given the opportunity to develop leadership skills through the FFA organization.

SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM

AG108 4 Terms ¼ Credit Grades 9 - 12

This experience program is for students in grades 9 through 12. Students receiving vocational credit in this area must be enrolled in an approved agricultural program sequence. Individual students will have a minimum of one approved project or acceptable plans for a project. Supervised study, project record book work, training plans and agreements, report writing, and instructor project visitation and supervision are essentials of the supervised occupational experience. This course is not registered for but is recorded on the transcript at the end of the year for those completing the requirements.

**FISH AND WILDLIFE
MANAGEMENT**

AG369

2 Terms

1 Credit

Grades 9 - 12

This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education will be featured.

ART

The first artist was born over 30,000 years ago when human beings attempted to put meaning into cave wall drawings and crudely sculpted figures. Translating ideas and feelings into visual form has continued since those early days in cultures around the world. Now, more than any time in history, artists are working to make a better way of life for mankind. Art education is exerting a powerful influence in making students more discriminating and sensitive to the things they see, use, or create.

In today's highly competitive world employers look for prospective employees to have an edge, and often that edge is the ability to think creatively, to use their skills and knowledge with unique and progressive applications. A foundation in art can help students to tap into creative thought processes and develop a sense of abstract thinking through applied concepts.

Whether students who take art courses become practicing artists or continue as appreciators of art, the satisfaction of working in the creative arts during adolescence cannot fail to make them more conscious of their worth as individuals, develop an awareness and tolerance of the work of other creative artists and increase the understanding and enjoyment of man's rich heritage.

ART FOUNDATIONS

FA100

1 Term

½ Credit

Grades 9 - 12

Art Foundations is designed to develop a student's creative thought process while increasing knowledge of basic skills, techniques, design elements, and art history. Studio assignments will provide experiences in design, drawing, painting, ceramics, and sculpture.

DRAWING I

FA200

1 Term

½ Credit

Grades 9 - 12

Prerequisite: Art Foundations (FA100)

Emphasis will be on freehand drawing using a wide range of media such as pencil, colored pencil, pen and ink, oil pastel, charcoal, pastels, dry point etching and scratchboard. The main concepts of the class will include improving observation skills, studying elements of composition and developing basic drawing techniques and skills. A wide range of subject matter such as still life, landscape, human form, use of perspective, geometric forms and surrealism drawing are included.

DESIGN I

FA201

1 Term

½ Credit

Grades 9 - 12

Prerequisite: Art Foundations (FA100)

Students in Design I will be encouraged to create design projects using a variety of media. There will be a strong emphasis on individual exploration, experimentation and creative planning focusing specifically on the principles of design.

DRAWING II

FA300

1 Term

½ Credit

Grades 9 - 12

Prerequisite: Drawing I (FA200)

Advanced drawing is designed to concentrate on individual creative approaches to assignments. Concepts will include further development of observation skills, individual technique and style development, and the exploration of non-traditional drawing possibilities. Expressive and personal interpretations of assignments will be encouraged in order to develop creative problem solving skills. A wide range of media will be used including pencil, ink, oil stick, charcoal and pastel, collage, and mixed media.

DESIGN II

FA301

1 Term

½ Credit

Grades 9 - 12

Prerequisite: Design I (FA201)

Design II is a development of two and three-dimensional forms using various media. Aspects of commercial design, color design, and printmaking may also be included.

PAINTING I **FA310** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Art Foundations (FA100)

Painting I is an upper level course designed to develop traditional painting techniques and an understanding of individual paint characteristics with a focus on acrylic paints. This class offers creative experiences incorporating the study and interpretation of the work of several artists of the past. Individual guidance will be given in project assignments that may include landscapes, seascapes and close-up work of that which is found in nature.

CERAMICS I **FA320** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Art Foundations (FA100)

Emphasis will be on developing good craftsmanship skills in the basic hand building techniques of pinch, slab, coil and molded pottery. Wheel thrown pottery making will be introduced. A variety of pottery decoration methods will be explored as well as a basic understanding of the ceramic process.

SCULPTURE I **FA330** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Art Foundations (FA100)

Becoming competent in the aesthetic organization of three-dimensional forms will be the emphasis of this course. Students will explore the modeled, carved, cast and constructed methods of sculpture using a wide range of materials from paper to plaster. Concepts of spatial design, textural surfaces, relief and freestanding forms will be included in the assignments. History of modern sculpture and sculptors will highlight all method assignments.

GRAPHIC DESIGN I **FA340** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Art Foundations (FA100)

Graphic Design is the study of creating art through the use of technology. In this introductory course the student will learn to operate a digital camera and the many techniques offered by the Adobe Photoshop CS2 program. Students will use the computer as a tool in order to create various styles of computer generated painting, drawing, and mixed graphics. This course is designed to give students experiences beyond the general applications of the computer in order create to visual images through technology.

GRAPHIC DESIGN II **FA341** **1 Term** **½ Credit** **Grades 10 - 12**

Prerequisite: Graphic Design I (FA340)

Graphic Design II is designed to build upon the basic skills learned in Graphic Design I and to further explore advanced uses of Adobe Photoshop CS2. Other technology used will be the digital camera and a scanner. Advanced uses of the software and equipment will be stressed. Course content will also focus on imagery and original photo manipulation.

PAINTING II **FA410** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Painting I (FA310)

This is an advanced painting course in which students experiment with painting techniques and media to further develop color theory, craftsmanship and individual expressionism.

CERAMICS II **FA420** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Ceramics I (FA320)

This course will focus on advanced work in the techniques of ceramics. This course will include the use of a variety of ceramic media including wheel thrown and hand built pottery. Students will be encouraged to use individual creative problem solving in a variety of advanced ceramic assignments.

SCULPTURE II **FA430** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: Sculpture I (FA330)

This course will focus on advanced work in the techniques of sculpture. This course will include the use of a variety of sculpture media. Students will be encouraged to use individual creative problem solving in a variety of advanced sculpture assignments.

PORTFOLIO PREPARATION FA515 1 Term ½ Credit Grades 11, 12

Prerequisite: Successful completion of a minimum of five art classes and Counselor approval.
(Offered 2016-2017) (*Offered alternate years with Drawing III*)

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 taking photographs of their work. Students will conclude this course with individual exhibits of their work in a public setting.

DRAWING III: ILLUSTRATION WITH AIRBRUSHING

FA302 1 Term ½ Credit Grades 10-12

Prerequisite: Successful completion of Drawing I and II and a minimum of three art classes and Counselor approval.

(Offered 2017-2018) (*Offered alternate years with Portfolio Preparation*)

This course is for the serious art student who intends to further his/her art education and skills in the field of illustration. The focus of this class will be developing an individual style and applying that style to a variety of illustration assignments. Several finished pieces may be added to the student's portfolio. Students will have the opportunity to use a variety of illustration mediums as well as applying the airbrush and mixed media techniques to achieve a finished look. A history of illustration will be included and studied by the class. To illustrate is to enlighten!

BUSINESS

The business department offers courses for students to develop life skills necessary for economic success. Business courses prepare students for well-paying satisfying careers in a wide variety of fields in business. Every student should enroll in a keyboarding and computer concepts course to develop effective and efficient technology skills allowing them to develop marketable skills and habits to apply to any college major or career.

BUSINESS

ORIENTATION TO BUSINESS BU100 1 Term ½ Credit Grades 9 – 12

Orientation to Business is a course for students who may be interested in a career in the business world. The course gives the student an insight into the business environment. Topics include working for a small business, a corporation, large business, or even owning your own business. Discussions will cover business ethics, economic concepts, business organization, marketing concepts and the ever changing topic of technology. Local business owners may be utilized as guest speakers.

BUSINESS INTERNSHIP BU235 1 Term ½ Credit Grades 11, 12

Prerequisites: One business course or concurrently enrolled in a business course

Students will learn and apply principles needed for success in the business world through real world experience. Students will learn resume writing and interviewing techniques, strengthen professional skills and gain valuable 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.

INVESTING BASICS BU236 1 Term ½ Credit Grades 10 – 12

Do you want to be wealthy? Investing means putting your money to work for you in a way that makes your investment grow. This could include putting money into stocks, mutual funds, bonds, and real estate. Investing usually comes with risk. Risk could be low, medium or high. Developing a balanced portfolio with all types of investing and risk is what will be introduced in this class. Students will learn how to establish appropriate investment objectives, develop strategies, estimate risk-return tradeoffs, and evaluate investment performances and maintaining accurate records; including skills used in everyday business activities both for personal and professional use. Students will develop skills related to personal financial management as well as budgeting, financial planning, records, handling of money, and tasks common to simple office practices.

This course offers an in-depth look at investing. Topics covered include: Stocks (market orders, calls, puts option), Corporate Bonds, Mutual Funds, Annuities, Roth IRA, 401 (k) plans, and Real Estate Investment Trusts. This course will also cover what is necessary to become a securities licensed professional.

**ADAPTIVE KEYBOARDING
AND TECHNOLOGY SKILLS***

BU104

2 Terms

1 Credit

Grades 9 - 12

This course is designed to teach the proper computer keyboard fingering techniques. Students will use computers to learn basic computer operations and develop technology skills by reinforcing language art skills, and formatting business documents for career readiness. These skills may be used to format forms and applications. This course is NOT intended to meet the equivalent of the Keyboarding (BU102) *Limited enrollment--permission of counselor is required.

COMPUTER CONCEPTS

BU107

2 Terms

1 Credit

Grades 9 - 12

Prerequisite: Computer Literacy BU102

This course provides the opportunity for a student to develop an awareness and understanding of the application of computer concepts, software and equipment to accomplish tasks typically performed by employees in the business world. Students will receive hands-on experiences that relate to real world projects. Instruction is given in the use of word processing, spreadsheets, database and business presentations. Instruction also focuses on problem analysis and ethical considerations that arise in using computer networks and the Internet. Students will master the technology tools for enhancing their academics, business and personal performance. Portfolios may be used to showcase their best work.

APPLICATIONS FOR BUSINESS: ROBOTIC STUDIES

BU230

1 Term

½ Credit

Grades 10-12

Prerequisite: prior computer experience *

Robotic Studies is a course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business involving the growing use of robotics. Students will apply problem-solving skills to hands-on, real life situations using a variety of software applications, virtual simulations, and implement the creations in virtual world challenges. Students will explore related topics and growing trends. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using such equipment.

APPLICATIONS FOR BUSINESS: ROBOTIC STUDIES II

BU231

1 Term

½ Credit

Grades 11, 12

Prerequisite: Robotics Studies (BU230)

Robotic Studies II takes students to the next step. Students will expand their knowledge of application software and equipment used by employees to perform tasks in business involving the growing use of robotics. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, virtual simulations, and implement the creations in real world challenges. Students will explore related topics and growing trends. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using such equipment.

**MULTIMEDIA PRODUCTION AND
ENTERTAINMENT TECHNOLOGY I**

BU305

1 Term

½ Credit

Grades 10-12

Prerequisite: prior computer experience*

This course is designed to develop awareness and understanding of application software used by employees to perform tasks in entertainment industry involving the growing industry of media production and entertainment software. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications for editing video and broadcasting. Students will work in a team-based environment to create a variety of video and audio related broadcasts. The development of employable skills, as well as transition skills, will be included in the course as well as an understanding of ethical considerations that arise in using such resources. Projects may include creating video shorts, TV and/or radio broadcasts, slideshow productions and management of a campus “streaming” radio station.

MULTIMEDIA PRODUCTION AND ENTERTAINMENT TECHNOLOGY II BU306 1 Term ½ Credit Grades 10-12

Prerequisite: *Prior computer experience

This course is a hands-on opportunity for students who may be interested in technical production and in expanding on activities explored in the first course. Students work in a team-based environment to create a variety of video and audio related broadcasts using application software and equipment used by employees to perform tasks in entertainment industry involving the growing industry of media production and entertainment with an emphasis on production. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications for editing video and broadcasting. The development of employable skills, as well as transition skills, will be included in the course. An understanding of ethical considerations that arise in using such resources will be discussed. Various activities may be held outside of the classroom. Students will examine staging, technical theories, and history behind a production including set design, effects, stage lighting, and sound production. Various required activities may be held outside of the classroom.

ENTERTAINMENT AND MOBILE APPLICATION FOR BUSINESS (EMA) BU309 1 Term ½ Credit Grades 10-12

Prerequisite: Prior computer experience *

This course provides students with the opportunity to gain expertise in computer based entertainment and applications used on today's popular mobile and desktop devices. From desktop to device students will explore the next viral entertainment or mobile app using various software applications. Students will be exposed to the fundamentals of system analysis and design. Students will utilize programming techniques such as counting, averaging, rounding, and generation of random numbers. Students will apply what they learn to create programs and applications that solve real world problems.

ENTERTAINMENT AND MOBILE APPLICATION FOR BUSINESS II BU313 1 Term ½ Credit Grades 11-12

Prerequisite: Entertainment and Mobile Application for Business (EMA) (BU309)

EMA provides students with the opportunity further their expertise in computer-based video game design. From concept to creation, students will develop various styles of video games through the use of software. From desktop to Internet base, students will attempt to create the next viral game. The EMA II course is for students who have completed EMA. Students will use procedural and object-oriented programming language. Students will learn programming concepts, data handling, and common algorithms (recursion, search and sorting). Students will create, compile, run, test, debug and modify applications.

COMPUTER INTERNET ANIMATION AND WEB PAGE DESIGN BU 352 1 Term ½ Credit Grades 10-12

Prerequisite: Prior computer experience*

This course will teach students how to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design. Students will work in a project-based environment to create a working website. Students will learn to create pages, use image-editing programs, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio, video clips, and may include the use of Flash Animation.

COMPUTER SERVICE INTERNSHIP BU400 2 Terms 1 Credit Grades 11, 12

This orientation-level course will provide an overview of skills required for meeting the challenges of operating a business in a global economy. Topics include entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration, production, and service). Emphasis will be placed on using technology while studying applications in these careers along with communication skills (thinking listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course. Students will have the opportunity to gain technology related certification. This course may be repeated once for a total of 4 terms.

*- "Prior Computer Experience" = successful completion of Computer Literacy or the ability to demonstrate basic computer skills such as: creating/manipulation files and folder within the Window environment.

READING FOR INFORMATION EN132 1 Term ½ Credit Grades 9, 10

This course presents a variety of reading strategies for the student who continues to struggle with reading comprehension and vocabulary. This class will use textbooks, newspapers, other media, non-fiction readings, and workshop activities to help improve reading skills. Incoming freshmen who do not “meet” the reading standard and are recommended by their English/Reading instructor will be placed in this course. This is not a “remedial reading” course.

ENGLISH 9 EN150 2 Terms 1 Credit Grade 9

This course is required of all freshmen not placed in English EN100 or EN180. English EN150 is designed to extend a student’s knowledge in language, literature, written and oral composition.

HONORS ENGLISH 9 EN180 2 Terms 1 Credit Grade 9

This course is required of freshmen students who meet the portfolio and other assessment criteria, have high scores on language arts achievement test, like to read, and expect to be challenged by the curriculum. Course EN180 differs from EN150 in the amount of independent reading required, the degree of self-discipline, and the depth of understanding in writing and literature. Students are enrolled on the basis of a portfolio assessment completed before registration.

ENGLISH 10- Basic EN200 2 Terms 1 Credit Grade 10

Prerequisite: English 9 (EN100) or English department recommendation

This is a required course for those students not meeting standards and struggling with basic skills in reading and writing. Language art skills, spelling/vocabulary, writing, speaking, and reading skills will be taught. Students in this class displaying outstanding progress may be moved to an English EN250 or EN345 course.

ENGLISH 10 EN250 2 Terms 1 Credit Grade 10

Prerequisite: English 9 (EN150) or (EN180)

This course is required of all sophomores not taking EN200 or EN280. This course is based on reading and discussing a variety of literature genres, writing in response to literature and enhancing student writing skills in a variety of composition styles and formats. Additionally, the curriculum will increase student familiarity with traditional grammar and expand student vocabulary.

**CONFLICT:
THE YOUNG ADULT NOVEL EN262 1 Term ½ Credit Grades 9, 10**

Exploration and discussion of young adult problems through the reading, writing, listening and discussing of novels will be the focus of the course. A variety of hands-on activities will be used to explore the novels. Students will read approximately seven novels in nine weeks. Outside reading and writing are required. This course will deal with controversial topics, i.e., teen suicide, rape, AIDS, alcohol and drug abuse, child abuse and teenage pregnancy.

HONORS ENGLISH 10 EN280 2 Terms 1 Credit Grade 10

Prerequisite: English 9 (EN180) or Portfolio Process

English 10 (EN280) is designed for sophomore students who have done well in previous English courses, have high scores on language arts achievement tests, like to read, and expect to be challenged by the curriculum. Course EN280 differs from EN250 in the amount of independent reading and writing required, the degree of self-discipline, and the depth of understanding in writing and literature.

ENGLISH 11-Basic EN301 2 Terms 1 Credit Grade 11

Prerequisite: English 10 (EN200) or English department recommendations

This is a required course for those students not meeting standards and struggling with basic skills in reading and writing. Language art skills, spelling/vocabulary, writing, speaking, and reading skills will be taught. Students will also complete a variety of oral communication assignments to fulfill the public speaking graduation requirement.

SCHOOL TO WORK WRITING EN331 1 Term ½ Credit Grades 11, 12

For the average-level student, this course is designed to be the last high school English grammar and composition course for students planning to finish their formal education at a two-year technical school or junior college. Emphasis is on learning basic grammar, vocabulary, reading with note-taking, writing short compositions, gaining skills to get and keep a job, and communicating in a business world.

AP LANGUAGE & COMPOSITION EN490 2 Terms 1 Credit Grades 11, 12

Prerequisite: Honors College Composition (EN366), Honors English 11 (EN381), OR Honors American Studies (EN380)

This is an elective course for students ready to work at the collegiate level. Intensive reading of prose written in a variety of rhetorical contexts and analytical writing for a variety of purposes will be done in preparation for the Advanced Placement Language and Composition test. Students will develop these skills while learning the art of rhetoric and argumentation in nonfiction, as well as improving critical reading and writing skills during synthesis research. The goal of the course is to analyze and interpret effective writing, then apply those strategies to students' own writing.

It is required that students take the AP Language and Composition exam in the spring and may earn college credit by taking the exam. This credit most often transfers as a fundamental freshman composition course.

AP LITERATURE & COMPOSITION EN492 2 Terms 1 Credit Grades 11, 12

Prerequisite: Honors English 11 (EN381) OR Honors American Studies (EN380)

This is an elective course for students ready to work at the collegiate level. This course engages students in the careful reading and critical analysis of imaginative literature in preparation for the Advanced Placement Literature and Composition test. Students will read a variety of works from different genres (poetry, drama, novel) from classic to contemporary. Writing is also a key component, both formal and informal assignments to analyze and interpret texts critically.

It is required that students take the AP Literature and Composition exam in the spring and may earn college credit by taking the exam. This credit most often transfers as a fundamental freshman humanities course.

The following courses are interest oriented and will meet a general graduation requirement, but will not be used to satisfy the English graduation requirement. (EN335, EN445 and EN455)

INTRODUCTION TO FILM EN335 1 Term ½ Credit Grade 12

Introduction to Film provides students with a fundamental framework for understanding modern film. Utilizing lecture, film viewing, and discussion, students are introduced to a variety of film concepts through the study of thematically organized films. Students will watch films with the goals of critical thinking, thoughtful discussion, and interpretive writing. This course is interest oriented and will not be used to satisfy the English graduation requirement.

YEARBOOK PRODUCTION EN445/EN455 2 Terms 1 Credit Grades 10 - 12

These courses are by application only. See the *Reflector* advisor for additional details.

Students enrolled in *Yearbook Production* will be *Reflector* staff members. Assignments will 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 a required part of the course. Students will be assigned various extra-curricular activities to photograph and write copy for use in the *Reflector*. Course content is not repeated from one course to the next but continues in the production of the *GHS Reflector*. Students may take both courses (4 Terms) or one course (2 terms). Yearbook Production EN445 or EN455 may be repeated one time for credit for a total of 3 credits in Yearbook Production. The course is interest oriented and will not be used to satisfy the English graduation requirement.

GALESBURG HIGH SCHOOL ENGLISH DEPARTMENT RECOMMENDATIONS

	Literature	Written Communication	Oral Communication
Required <i>Fresh/Soph/ Junior</i> 3 Credits	<i>EN100 English 9 OR</i> <i>EN150 English 9 OR</i> <i>EN180 Honors English 9</i> <i>EN200 English 10 OR</i> <i>EN250 English 10 OR</i> <i>EN280 Honors English 10</i> <i>EN301 English 11-Basic OR</i> <i>EN345 English 11 OR</i> <i>EN380 Honors American Studies</i> <i>OR</i> <i>EN381 Honors English 11</i>	<i>EN100 English 9 OR</i> <i>EN150 English 9 OR</i> <i>EN180 Honors English 9</i> <i>EN200 English 10 OR</i> <i>EN250 English 10 OR</i> <i>EN280 Honors English 10</i> <i>EN301 English 11-Basic OR</i> <i>EN345 English 11 OR</i> <i>EN380 Honors American Studies</i> <i>OR</i> <i>EN381 Honors English 11</i> <i>EN301 English 11-Basic OR</i> <i>EN345 English 11 OR</i> <i>EN380 Honors American Studies</i> <i>OR</i> <i>EN381 Honors English 11</i>
Required Electives 1 Credits	1 Credit		
Advanced	EN262 Conflict: Young Adult Novel EN442 Individualized Literature EN352 World Literature EN490 AP English Language	EN433 Media and Society EN353 Intro to Journalism EN341 Creative Writing EN351 Life Writing EN366 Honors College Composition EN453 Media Writing & Product. EN490 AP English Language EN492 AP English Literature	EN354 Public Speaking EN364 Dramatic Arts
Average	EN262 Conflict: Young Adult Novel EN442 Individualized Literature EN352 World Literature EN490 AP English Language EN492 AP English Literature	EN331 School to Work Writing EN433 Media and Society EN353 Intro to Journalism EN341 Creative Writing EN351 Life Writing EN344 College Composition EN453 Media Writing & Product.	EN124 Contemporary Communication EN354 Public Speaking EN364 Dramatic Arts
Basic	EN123 Reading for Information EN262 Conflict: Young Adult Novel	EN331 School to Work Writing EN433 Media and Society EN353 Intro to Journalism EN341 Creative Writing	EN124 Contemporary Communication EN364 Dramatic Arts

FAMILY AND CONSUMER SCIENCES

The Family and Consumer Sciences curriculum provides a variety of courses to help prepare students with background information and survival skills needed in everyday life. Grades 9-12 may select from the classes. The 11th and 12th grade students may also select Galesburg Area Vocational programs. These programs are designed to give up-to-date skills and actual job-related experiences upon which to build in a college or technical school.

INTRODUCTION TO FAMILY AND CONSUMER SCIENCES

FC100 2 Terms 1 Credit Grades 9 - 12

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills. **(Materials for sewing projects will be supplied by the student.)**

CLOTHING AND TEXTILES I

FC101 1 Term ½ Credit Grades 9 - 12

Prerequisite: Orientation to Family and Consumer Sciences (FC100)

This course is designed to provide the student with opportunities to develop knowledge and skill in fashion, garment construction, and textiles. Basic sewing skills will be learned through the construction of several garments. A continued look at career options will be included. **(Materials for projects will be supplied by the student.)**

CLOTHING AND TEXTILES II

FC102 1 Term ½ Credit Grades 10 - 12

Prerequisite: Clothing and Textiles I (FC101)

This project-based course focuses on selecting, constructing, altering, and re-working multiple textile products. Throughout the class, students will make several different hands-on projects. Through these projects students will learn project management skills; including efficient and proper use of time, materials, sewing techniques, and sewing tools. Topics include: fabric construction techniques; new fabric trends, proper clothing care; use of new sewing technology; alteration and re-design skills; and simple flat pattern use and design. **(Materials for projects will be supplied by the student.)**

NUTRITION AND CULINARY ARTS I

FC103 1 Term ½ Credit Grades 9 - 12

Prerequisite: Orientation to Family and Consumer Sciences (FC100)

This course includes 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 using the decision -making process; meeting basic needs by applying nutrition concepts; maximizing resources when planning, preparing, preserving, and serving food.

NUTRITION AND CULINARY ARTS II

FC104 1 Term ½ Credit Grades 10 - 12

Prerequisite: Nutrition and Culinary Arts I (FC103)

This class provides principles of application into the hospitality industry, including nutrition, and culinary skills. 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.

CHILD DEVELOPMENT

FC105 1 Term ½ Credit Grades 10 - 12

This course emphasizes learning experiences that will help students gain knowledge and understanding of the intellectual, physical, social, and emotional development of children from conception to adolescence. Information related to careers in childcare is incorporated throughout the course.

PARENTING FC310 1 Term ½ Credit Grades 9* - 12

This course helps students understand the responsibilities, satisfactions and stresses of parenthood. Course content includes the following: managing and organizing parenting by applying decision -making and goal-setting skills; applying the basic principles of the parenting process; practicing health and safety standards as related to parenting; providing experiences which encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; community resource agencies and services; and evaluating impact on parenting of family and career changes.

*Students in grades 9 or 10 may take this course if already a teen parent. Students who have their children enrolled in GHS Day Care must be enrolled in this course, taken it previously or take an equivalent, approved course. *When using the GHS Daycare, transportation (within the city limits) for the teen parent and their child will be provided upon request.*

HOUSING AND INTERIOR DESIGN FC311 1 Term ½ Credit Grades 11, 12

Learning experiences are designed to provide the student with the basic knowledge and skills needed to select, acquire, manage, decorate and maintain a living environment that meets the needs of the occupant. Lifestyles, decision-making, budgeting, and financing will also be included in this course.

FAMILY RESOURCE

MANAGEMENT AND PLANNING FC312 1 Term ½ Credit Grades 11, 12

This course focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of project -based experiences and service learning opportunities to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision making; balancing family, career and personal relationships; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking; and current issues in the economy.

GAVC NURSING ASSISTANT/HEALTH OCCUPATIONS VO410 2 Terms 1 Credit Grades 11, 12

This course provides a solid foundation for work in the health care field. Classroom instruction introduces medical terminology and 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. Successful completion of a Certified Nurse Assistant program is a requirement before taking any nursing courses at Carl Sandburg College. 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 attend 80 hours of theory and 40 hours of clinical class time to be eligible for the CNA certification, therefore **students not fulfilling the attendance requirement will not be allowed to continue on to the clinical portion of the class.**) *Students will be responsible for the following expenses: IDPH exam fee, fingerprinting/background check, and a clinical uniform.*

GAVC EARLY CHILDHOOD EDUCATION I VO424 4 Terms 2 Credits Grade 11, 12

This course is especially valuable to those planning 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. Successful completion of this course articulates with the CSC course CHD100– Observation and Guidance of the Young Child. *Students may earn credit at Carl Sandburg College. See page 47.*

**GAVC EARLY CHILDHOOD
EDUCATION II**

VO425

1 Term

½ Credit

Grade 12

Prerequisite: Successful completion of Early Childhood Education I (VO424)

This course will allow highly motivated students to develop leadership skills and responsibilities at the Early Childhood and Elementary Education level. Students under the supervision of a certified staff member will create and present lessons, keep journals, complete timecards, and write in daily job-logs. Students will focus more on the lead teacher/director responsibilities and duties. 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. Some use of personal transportation will be needed dependent upon placement.*

GAVC NUTRITION

VO436

1 Terms

½ Credit

Grades 11, 12

This course 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 offered on the Carl Sandburg College campus and is dual credit. Credit is awarded only at the completion of the course.*

**GAVC FACILITIES PLANNING
AND MANAGEMENT**

VO445

2 Terms

1 Credit

Grades 11, 12

This course focuses on strategic workplace and facility planning and prepares individuals to function as facility and event managers and workplace consultants. Instruction includes the following: principles of aesthetic and functional design; environmental psychology and organizational behavior; real estate planning; principles of occupational health and safety; event planning and management; operations management; and applicable regulatory and policy issues.

GAVC CULINARY OCCUPATIONS

VO450

4 Terms

2 Credits

Grades 11, 12

This course prepares 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.

FOREIGN LANGUAGE

The Foreign Language Department offers courses in three languages-French, German and Spanish. Many colleges and universities suggest a minimum of two years for adequate college preparation. However, three or four years of a single language in high school may fulfill the language requirement for some universities. See your counselor for details.

When selecting a course, students need to plan their schedules carefully. Include time available outside the classroom into that plan. A great deal of time is spent each year by teachers and counselors recommending appropriate courses for students. There is a parallel between a student's prior success in English classes and success in Foreign Language classes. Freshman students may consider waiting until their sophomore year to begin their language study due to the number of required classes during their first year at GHS. However, students who earn A/B English grades should consider beginning language as a freshman and perhaps study multiple languages at GHS. Freshman students wanting to take a foreign language must obtain permission from their counselor.

When asked, "Why did you take a foreign language?" GHS students responded many ways: to learn another language, to learn about another culture, for a competitive edge in the job market and because it's fun!

GERMAN I

FL101

2 Terms

1 Credit

Grades 10 - 12

(A Freshman student may take this course with counselor consent)

In German I, high frequency vocabulary is made comprehensible to students using interactive storytelling, personalized questioning, compelling readings, modern songs, and highly contextualized videos. Topics addressed include family, school, free time activities, and sports. Because English is a Germanic language, students will recognize many similarities. German is often recommended for students going into scientific fields.

GERMAN II	FL102	2 Terms	1 Credit	Grades 10 - 12
Prerequisite: German I (FL101) (A Freshman student may take this course with counselor consent)				
German II expands the vocabulary and complexity of words and phrases that students interact with and improve skills in the areas of listening, speaking, reading and writing. Students will begin to use more material made for native speakers and interact with native speakers from our partner school.				
GERMAN III	FL103	2 Terms	1 Credit	Grades 10 - 12
Prerequisite: German II (FL102)				
German III continues to build on the skills of students in German II. Authentic film will be used to improve our discussion and understanding of cultural issues. In particular students will investigate German Reunification and life in East and West Germany.				
GERMAN IV	FL104	2 Terms	1 Credit	Grade 10 - 12
Prerequisite: German III (FL103)				
In German IV, students will produce German with increasing confidence. A mixture of authentic and learner directed sources such as films, music, and short video clips will be used. In class discussion will become more in-depth as more vocabulary has been acquired. Students will also examine German Folk Literature.				
GERMAN V	FL105	2 Terms	1 Credit	Grade 11 - 12
Prerequisite: German IV (FL104)				
German V will run concurrently with German IV, but the course material will differ. Students will explore Germanic History in greater depth. German V students will produce more complex discussions and writing. Students will continue to read more complex texts. An additional semester of language will also provide them with language right before taking university entrance exams which are used for placement.				
FRENCH I	FL301A	2 Terms	1 Credit	Grades 10 - 12
(A Freshman student may take this course with counselor consent)				
French I is an introduction to one of the five Romance languages. First year students will be engaged in activities that relate to areas of personal interest such as family, school, food, money, travel, and music. At the beginning level, speaking and writing will be comprehensible to a sympathetic listener. Basic grammatical concepts are introduced, as are France's contributions to North American and world cultures.				
FRENCH II	FL302	2 Terms	1 Credit	Grades 10 - 12
Prerequisite: French I (FL301)				
(A Freshman student may take this course with counselor consent)				
This course is a review and continuation of French I, with emphasis on improving the student's ability to communicate in French. New verb tenses are presented along with useful vocabulary that will enable the student to participate in a variety of activities dealing with sports, foods, leisure activities, cinema, medicine, and travel. A unit on the Castles of the Loire Valley will be presented.				
FRENCH III	FL303	2 Terms	1 Credit	Grades 10 - 12
Prerequisite: French II (FL302)				
This course provides a refinement of skills learned in the first two levels. Students will be involved in communicative activities designed to help them converse with ease in daily situations. Students will continue acquisition of knowledge of geography, culture, and people of regions where French is spoken. A unit on French Impressionism will be presented.				
FRENCH IV	FL304	2 Terms	1 Credit	Grades 10 - 12
Prerequisite: French III (FL303)				
This course stresses speaking, listening, and writing skills. Grammar is reviewed and expanded. Classroom activities include songs, role-playing games, discussions, reports, and videos. Special units on the French Revolution and Paris are presented				

SPANISH I **FL501** **2 Terms** **1 Credit** **Grades 10 - 12**

(A Freshman student may take this course with counselor consent)

Spanish I offers practice in pronunciation and in learning short, simple, widely used expressions. The course aims to develop these basic skills: listening comprehension, speaking, reading and writing. Basic grammatical concepts are introduced, as are various aspects of Hispanic life and culture.

SPANISH II **FL502** **2 Terms** **1 Credit** **Grades 10 - 12**

Prerequisite: Spanish I (FL501)

(A Freshman student may take this course with counselor consent)

This course is a review and continuation of Spanish I. The conversations, however, are more advanced, the vocabulary is considerably larger, and there is a wider range of subject matter. Hispanic culture is studied through use of the internet, DVDs, reading selections, and classroom discussion. Special units on art and Mexico are presented.

SPANISH III **FL503** **2 Terms** **1 Credit** **Grades 10 - 12**

Prerequisite: Spanish II (FL502)

In Spanish III students are encouraged to abandon English as much as possible, both in oral expression and in writing. Conversation is encouraged with the use of free conversation, class discussions and prepared speeches. Additional verb tenses are introduced. An extensive study of Spain, including its regions and cities is undertaken.

SPANISH IV **FL504** **2 Terms** **1 Credit** **Grades 10 - 12**

Prerequisite: Spanish III (FL503)

In Spanish IV the students complete the course with knowledge of all tenses and modes. A short novel and a play will be read and discussed. Dialogues and small group discussions will help the student master oral expression and increase vocabulary.

SPANISH V **FL505** **2 Terms** **1 Credit** **Grades 11 - 12**

Prerequisite: Spanish IV (FL504)

Spanish V continues to work on developing fluency in all aspects of the language. Short stories, cultural selections, and a novel will be read and discussed. Oral expression is encouraged through dialogues and discussion. Contemporary movie shorts, guest speakers and Hispanic cuisine are some highlights that will be a part of the curriculum. Grammar is reviewed.

INDUSTRIAL TECHNOLOGY

The future belongs to those who are prepared. Students in grades 9-12 may select from a large number of exploratory one term classes. In the 11th and 12th grades, there are additional vocational programs that provide students an opportunity to develop up-to-date skills that could lead to an entry-level job or a background upon which to build in a community college or technical school program. For a listing of these courses, see the section entitled *Galesburg Area Vocational Center*.

TRANSPORTATION **IT101** **1 Term** **½ Credit** **Grades 9 - 12**

This course explores land, air/space, and water transportation. The activities included are: flight testing, model building, rockets, hot-air balloons, paddle boats and metric dragsters. Application, technological impact, and careers are emphasized with each unit.

ENERGY UTILIZATION **IT104** **1 Term** **½ Credit** **Grades 9 - 12**

This course is consumer oriented; it explores the usage and conservation of energy. The activities included are: solar panel construction, electrical circuits, building a windmill and water powered generator, light-activated projects, and fossil fuel and nuclear power as energy sources. Application, technological impact, and careers are emphasized with each unit.

INTRODUCTION TO DRAFTING **IT105** **1 Term** **½ Credit** **Grades 9, 10**

This beginning course is set up to acquaint the student with the application of drafting as used in everyday life. Its aim is to show the student how to design, draw, plan, and use drawings as used by industry and in life's activities. It will include care and use of drawing equipment, lettering, auxiliary views and sectional views.

GAVC BUILDING TRADES VO411 4 Terms 2 Credits Grades 11, 12

Prerequisite: Introduction to Construction or recommendation from vocational office with completion of Woods I. The student may also test out of Introduction to Construction.

This course is designed to prepare students for careers 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.

GAVC NETWORKING TECHNOLOGY VO427 4 Terms 2 Credits Grades 11, 12

This program provides an overview of basic computer technology needed by computer techs, including: computer hardware, software, operating systems, local and wide area networks and electronic communication. The course will then develop in students a knowledge base on Windows operating system based networks and the tasks involved to support these networks. The second part of the program is based on the principles and practices of designing, building and maintaining computer networks. Instruction includes network theory, number systems, memory structure, buffers and registers, microprocessor configuration, peripheral equipment and programming as it applies to routers in a networking environment. Students who complete this program will have completed half of the necessary classes required to pass the Cisco Certified Network Associate (CCNA) test and 12 of the 33 hours required to complete the Computer Technician Certificate Program at Carl Sandburg College. Students will receive college credit in addition to GHS credit. Credit is awarded only at the end of Term 2 and Term 4, therefore, if a student drops out of the program before the end of Term 2 or before the end of Term 4, for whatever reason, there will be no credit awarded.

GAVC ENGINEERING DESIGN VO453 4 Terms 2 Credits Grades 11, 12

This course is designed for those students who would like to pursue a career in either mechanical, architectural, or civil engineering. Students will design projects using computer aided design (CAD) and build models of the designs. Students will gain experience in planning, organizing, performing basic layouts, and producing drawings commonly found in industry. Students will also gain experience in rapid prototyping with the 3D printer. Projects will include bridge building, designing a dream home, card board chair, and catapult. Autodesk Building Performance Analysis Certificate can be obtained through this course.

**GAVC/CME
WELDING AND FABRICATION VO481 4 Terms 2 Credits Grade 11, 12**

This course is 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, blue prints and shop safety. This course is held at the Center for Manufacturing Excellence/CSC. Students will receive college credit in addition to GHS credit. Credit is awarded only at the end of Term 2 and Term 4, therefore, if a student drops out of the program before the end of Term 2 or before the end of Term 4, for whatever reason, there will be no credit awarded. Some use of personal transportation may be needed.

ALGEBRA FUNDAMENTALS **MA221** **2 Terms** **1 Credit** **Grades 10 - 11**

Prerequisite: Pre-Algebra and Integrated Algebra/Geometry and Teacher Recommendation.

This course is designed to meet the minimum requirements of the State of Illinois for Algebra I. *Minimum requirements for Geometry can be met with Integrated Algebra/Geometry (MA220).* **This is not an entry level course for incoming freshmen.** This course is designed to aide students who require additional help in acquiring the abstract skills of Algebra. Students will learn the necessary skills of Algebra including operations with real numbers, solving equations, solving systems of equations, solving inequalities, factoring, operations with polynomials, operations with exponents, operations with radicals, solving quadratic equations, solving proportions and graphing linear equations. This course, in conjunction with Integrated Algebra/Geometry (MA220) will meet the minimum requirements for graduation in the areas of Algebra and Geometry. This course is not part of a college preparatory sequence. Students completing this course may choose to continue on to Algebra IA (MA140) which would be a starting point for a college preparatory math sequence.

GEOMETRY **MA240** **2 Terms** **1 Credit** **Grades 10 - 11**

Prerequisite: Algebra I-B

Geometry is the study of points, lines and figures in space. This course is comprised 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, 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 and the use of formulas.

ALGEBRA II **MA250** **2 Terms** **1 Credit** **Grades 10 - 12**

Prerequisite: Geometry

Algebra II is designed to give the student a better understanding of the fundamental principles of algebra. Students will solve and graph a variety of functions including linear, quadratic, polynomial, absolute value, logarithmic and exponential equations. In addition students will also solve a variety of systems of equations and inequalities along with their word problem equations. Toward the end of the course, students will be introduced to counting principals and probability problems. Students will explore basic concepts concerning inverse functions, determinants of matrices and common vocabulary necessary for success. Graphing calculators (TI-83 or higher are recommended, but students must have at least a scientific calculator (such as the Casio fx-115MS). Emphasis will be given to understanding the basic sketch of various graphs prior to the use of a graphing calculator. This course is a prerequisite to Algebra III/Trigonometry.

ALGEBRA III/ TRIGONOMETRY **MA340** **2 Terms** **1 Credit** **Grades 11- 12**

Prerequisite: C or above in Algebra II

This course is designed to expand on the concepts introduced in Algebra II. 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: including domain, range, inverses, shifts, reflections, symmetry and maximums and minimums. The trigonometric portion of this course will study the foundation of circular trigonometric functions including angles in the coordinate plane, solving right and oblique triangles, solving trigonometric equations, applying special angle formulas, and trigonometric identities. This course is a prerequisite to Math Analysis.

MATH ANALYSIS **MA350** **2 Terms** **1 Credit** **Grades 11- 12**

Prerequisite: C or above in Algebra III/Trigonometry

Math Analysis will rely heavily on previously learned algebra, geometry and trigonometry skills. Systems of equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, conic sections, and trigonometric functions will be extended. New topics will include polar coordinates, parametric equations, vectors, sequences and series, and an introduction to limits. This course differs from Honors Precalculus in the depth that some of these topics will receive as well as the lower emphasis on AP Calculus preparation.

PROBABILITY AND STATISTICS MA440 2 terms 1 Credit Grades: 10 - 12

Prerequisite: C or above in Algebra II or Honors Algebra II

Probability and statistics is an introduction to organization and interpretation of numeric data. The course includes a study of elementary probability theory, measures of central tendency and dispersion, random variables and probability functions, including the normal and binomial distributions, hypothesis testing, regressions and correlation, and reliability of results.

HONORS ALGEBRA I MA170 2 Terms 1 Credit Grade 9

Prerequisite: C or above in 8th grade Algebra and satisfactory score on Placement Test and teacher recommendation.

Students who feel they need more preparation in Algebra before entering the honors sequence should consider this class. Honors Algebra I differs from Algebra I-B in that topics will be covered in greater depth and with more rigor. Topics from both Algebra I-A and Algebra I-B will be included, with emphasis placed on strengthening algebraic skills used to simplify expressions and to solve equations involving polynomials, algebraic fractions and radicals. The ability to solve equations involving application problems in all areas of study will also be a major focus of the course. Graphing techniques will be used to explore, solve and support analytical methods. Linear and quadratic functions will be studied in detail, as will rational and radical expressions and equations.

HONORS GEOMETRY MA180 2 Terms 1 Credit Grade 9, 10

Prerequisite: C or better in Honors Algebra I or 8th grade Algebra and satisfactory score on Placement Test and teacher recommendation.

Honors geometry differs from geometry in emphasis. All topics covered in geometry will be covered in honors geometry. Students will also study area, surface area, volume and equations of lines. In addition, students will be required to prove more theorems and to complete more abstract proofs with greater mathematical rigor. Thus, students in honors geometry will gain a greater understanding of geometry as a deductive system.

HONORS ALGEBRA II MA270 2 Terms 1 Credit Grades 9 - 12

Prerequisite: C or above in Geometry or Honors Geometry. Honors Algebra II is offered during terms 3 and 4

Honors Algebra II differs from regular Algebra II in that topics will be covered in greater depth and with more rigor. This course has three main areas of study. 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. The methods of creating a mathematical model are emphasized in the applications of each topic throughout the course, and include regression techniques.

**HONORS ALGEBRA III/
TRIGONOMETRY MA280 2 Terms 1 Credit Grades 10 - 11**

Prerequisite: C or above in Honors Algebra II or Algebra II

Honors Algebra III/Trigonometry expands on the concepts introduced in Honors Algebra II. It differs from regular Algebra III/ Trigonometry in the variety of topics and in the depth and rigor in which they are covered. This course is comprised of algebraic expressions, equations (linear, quadratic, polynomial, rational, and radical), inequalities, applied problems, linear and quadratic functions, and trigonometry. The solving of equations will include a study of complex numbers. The study of functions will include operations on functions and inverses of functions. Trigonometry will include trigonometric formulas, verifying identities, solving equations and use of the law of sines and law of cosines.

HONORS PRECALCULUS MA370 2 Terms 1 Credit Grades: 10 - 11

Prerequisite: C or above in Honors Algebra III/Trigonometry or Algebra III/Trigonometry

Honors Pre-calculus is a study of topics essential to calculus. These topics include a review of trigonometry, trigonometric form of complex numbers, vectors, functions (polynomial, rational, exponential, and logarithmic), systems of equations and inequalities, sequences, series, and probability, conic sections, parametric equations, and limits. Students completing this course are prepared for the AP Calculus course.

AP PROBABILITY AND STATISTICS MA480**2 Terms****1 Credit****Grades 10 - 12**

Prerequisite: C or above in Algebra 3/Trig or Honors Geometry
(Offered 2016-2017 *Offered alternate years during terms 3 and 4*)

The purpose of this Advanced Placement course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are required to have a TI-84 or TI-Nspire calculator. It is expected that students will take the AP Statistics exam in the spring and may earn college credit.

HONORS**AP CALCULUS AB/BC****MA481/MA482 3/4 Terms****1 ½ / 2 Credits Grades 11- 12**

Prerequisite: C or above in Honors Pre-calculus or Math Analysis

Honors Advanced Placement Calculus AB is a course covering the topics comparable to a calculus course at the college level. The main elements are functions, graphs and limits, derivatives and their applications, and integrals and their applications. Special emphasis is placed on an understanding of broad concepts, the use of technology, and an attention to graphical, numerical, analytical and verbal representations of problems and their solutions.

AP Calculus BC is an extension of the AB course into a fourth term. This course covers topics covered in a second calculus course at the college level. Additional topics include parametric, vector, and polar functions, slope fields, arc length, Euler's method, l'Hopital's Rule, antidifferentiation by substitution, parts and partial fractions, logistic equations and polynomial approximations and series.

It is required that students take the AP Calculus exam in the spring and may earn college credit by taking the exam.

MATHEMATICS SEQUENCE

Course Name	Crs #		9	10	11	12	Prerequisite
Pre -Algebra	MA120	1	X				8 th grade Pre-Algebra AND Teacher Recommendation
Algebra I-A	MA140	1	X	X			Pre-Algebra or Fundamentals of Algebra
Algebra I-B	MA141	1	X	X			Algebra I-A
Honors Algebra I	MA170	1	X				8 th grade Algebra
Honors Geometry	MA180	1	X				Honors Algebra I or 8th grade Algebra
Integrated Algebra/Geometry	MA220	1	X	X			Pre-Algebra AND Teacher Recommendation
Algebra Fundamentals	MA221	1		X	X		Pre-Algebra, Integrated Algebra/Geometry AND Teacher Recommendation (All three)
Geometry	MA240	1		X	X	X	Algebra I-B
Algebra II	MA250	1		X	X	X	Geometry
Honors Algebra II	MA270	1	X	X			Geometry, Honors Geometry or Honors Algebra I
Honors Algebra III/ Trigonometry	MA280	1		X	X		Algebra II or Honors Algebra II
Algebra III/ Trigonometry	MA340	1			X	X	Algebra II
Math Analysis	MA350	1			X	X	Algebra III/ Trigonometry
Honors Pre-Calculus	MA370	1		X	X		Algebra III/Trigonometry or Honors Algebra III/Trigonometry
Probability & Statistics	MA440	1		X	X	X	Algebra II or Honors Algebra II
AP Calculus (AB)	MA481	1.5			X	X	Honors Pre-Calculus or Math Analysis
AP Calculus (BC)	MA482	2.0			X	X	Honors Pre-Calculus
AP Prob & Stats	MA480	1		X	X	X	Honors Geometry or Algebra III/Trig

Students need to plan ahead to meet prerequisites. A student may enter the Honors program at various levels, but the department recommends that this be done as early as possible.

MUSIC

The following is a listing of music courses at Galesburg High School. Students new to District 205 who have participated in choral and/or instrumental groups are encouraged to participate. For more information, contact the instructor involved. See your counselor for specific information.

Note: Instrumental music students must enroll in Marching Band for Term 1 and one of the two bands (Symphonic Band or Wind Symphony) for the remaining three terms. All Freshmen band students should enroll in Symphonic Band.

MARCHING BAND	IM101	1 Term	½ Credit	Grades 9 - 12
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This course combines the elements of music, movement and marching. The Marching Streaks will perform for community parades, home football games and out of town festivals and competitions. Attendance at rehearsals outside the school day is required. Some students may be placed on alternate status to maintain the integrity of each performance. Students enrolling in marching band qualify for a PE waiver. (Offered term 1)

COLOR GUARD	IM103	1 Term	½ Credit	Grades 9 - 12
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Enrollment is by audition only.

This course combines the elements of music, movement and rhythm to complement the Marching Streaks' parade and field performances. The Color Guard will perform for community parades, home football games and out of town festivals and competitions. Attendance at rehearsals outside the school day is required. This course will satisfy a one term PE waiver. (Offered term 1)

SYMPHONIC BAND	IM201	3 Terms	1 ½ Credits	Grades 9 - 12
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Prerequisite: Successful completion of 8th grade band and/or director's permission

The Symphonic Band will focus on ensemble playing. Through the use of band literature, students will develop individual playing styles while learning the proper way to perform as a member of an ensemble. In addition to performing at several concerts each year, the Symphonic Band may attend additional contests, festival, and requested school and/or community events. Opportunities for additional solo and ensemble experience 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 Band for all home conference games of boys and girls basketball.

Freshman students enrolled in Symphonic Band will alternate between Band and Health class during Terms 3 and 4 to satisfy their Health requirement for graduation.

WIND SYMPHONY	IM202	3 Terms	1 ½ Credits	Grades 9 - 12
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Enrollment is based on an annual spring audition.

The Wind Symphony is made up of the most advanced band students in Galesburg High School. The ensemble will study literature stressing technical and musical excellence and understanding. Performances will include several concerts each year plus festivals, competitions, and clinics. Opportunities for additional solo and ensemble experience will be available as part of the course. This class will be limited and balanced by instrumental parts.

All members of the Wind Symphony are required to participate as members of the Silver or Gold Pep Bands for all home conference games of boys and girls basketball.

CONCERT CHOIR	VM104	2 Terms each	1 to 2 Credits	Grades 9 - 12
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Prerequisite: Successful completion of 8th grade choir and/or director's permission

Students enrolling in this class must have a high degree of interest in good choral singing and literature. An interest in the study of good vocal technique as well as choral blend is also essential. In addition to performing at several required concerts each year, the Concert Choir may attend additional contests, festivals, and requested school and/or community events at which attendance is required. Students may request 2 or 4 terms.

A CAPPELLA CHOIR **VM204** **4 Terms** **2 Credits** **Grades 9 - 12**

Enrollment is based on an annual spring audition.

The highest degree of musical proficiency is required of members of this ensemble. Good choral blend and vocal technique are of paramount importance and will be studied at greater intensity than in other choir classes. Students study and perform literature from all historical periods. In addition to performing at several required concerts each year, the GHS A CAPPELLA Choir will attend additional contests, festivals and requested school and community events at which attendance is required and will be graded. Additional solo and ensemble experience will be required as part of this course. This class will be limited and balanced by voice parts.

**INTRODUCTION TO
MUSIC THEORY**

FA500 **1 Term** **½ Credit** **Grades 11, 12**

Prerequisite: Concurrent enrollment in Band or Choir

This course is designed for the student who wants to gain further knowledge about the structure of music. Topics of instruction will include musical notation, rhythm and meter, melody, keys, intervals, chords, harmony, and transposition. Prior piano experience is helpful but not necessary.

MUSIC TECHNOLOGY I **FA501** **1 Term** **½ Credit** **Grades 9 - 12**

Prerequisite: An understanding of basic music theory.

This is an overview course that will investigate the impact of technology on music. The course will look at ways technology can be used to teach basic musical concepts. Students will spend time in class learning about the basics of sound production and how technology has been incorporated into music through the study of the history of electronic music and *MIDI*. Students will use a variety of software programs dealing with rhythmic and melodic composition, music notation and sequencing to complete tutorials and projects.

MUSIC TECHNOLOGY II **FA502** **1 Term** **½ Credit** **Grades 9 – 12**

Prerequisite: Music Technology I FA501 with a grade of “B” or better or instructor approval

This is a follow on course to Music Technology I that will explore in more detail the concepts and software programs studied in Music Technology I (FA501). Students will spend time in class learning how technology products such as synthesizers, digital audio (CD’s and audio files), sequencers, etc. function. In-depth projects will focus on more advanced musical concepts such as rhythmic and melodic analysis, composing and arranging. Students will utilize software learned in Music Technology I (FA501) and new software may be introduced.

JAZZ TECHNIQUES **FA503** **1 Term** **½ Credit** **Grades 9 – 12**

Instructor approval required for enrollment.

The class is a focused study of America’s original art form through playing, improvisation and listening to jazz music. This class is taught with a historical perspective and students will study the cultural context of jazz as well as prominent jazz artists. Students will spend time in class studying and playing jazz exercises and compositions. Students will be expected to improvise solos. Outside class assignments will include practicing jazz songs and improvisations, music theory assignments as well as listening to and evaluating jazz.

PHYSICAL EDUCATION

Physical Education Mission Statement: To provide quality physical education that empowers all students to learn, develop, and apply the skills needed for daily participation in personal fitness and lifetime activities. When students maintain adequate levels of physical fitness and make healthy choices, the conditions and opportunities for learning also increase. Through active participation in movement and sport, students will foster an appreciation for social skills vital to becoming healthy, productive members of the community.

Attendance: Physical Education is a Lab Class. You are the class; you must be active in the class. You must be in class in order to gain the benefits of physical education. Attendance is very important since your grade is based on participation.

The Physical Education Department believes in the Fitness First approach and the importance of a sound body as well as a sound mind. In an attempt to help our students achieve this, we offer a wide range of courses for students with varying degrees of interest and ability. All Physical Education courses will have a fitness component every day and a weight room component a minimum of once a week. All physical education classes will participate in “Fitness Week” two times a term. Physical Education at GHS is principally co-educational. Students are required to purchase a P.E. t-shirt for \$7.00. Students will be charged a one-time padlock fee of \$8.00.

FRESHMAN/SOPHOMORE PHYSICAL EDUCATION

PE100 1 Term ½ Credit Grades 9, 10

This course is designed to provide an introduction to a wide variety of activities offered in the Physical Education curriculum. Students will learn rules and fundamental skills in a variety of activities which may include softball, touch football, soccer, tennis, volleyball, basketball, table tennis, badminton, pickleball, weight training, dance and various cardio-vascular activities. Students will receive instruction in areas of health, nutrition-related fitness and the principles of exercise. All Freshmen and Sophomores are required to take Freshman/Sophomore Physical Education twice, once as a freshman and once as a sophomore, but may repeat more than twice if desired.

SWIMMING PE110 1 Term ½ Credit Grades 10 - 12

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

It is recommended that every student should participate in one section of Swimming ONCE in their High School Career. Instruction will include basic water safety, basic strokes, and water games. *A modest one-piece swim suit is required for females for all swimming classes.* This class may be taken ONCE as a junior and ONCE as a senior.

ADAPTIVE PE PE109 1 Term ½ Credit Grades 9 - 12

This course is designed for students with special needs. The enrollment is limited to those who are referred by a counselor. Activities include group games, physical fitness, and adapted sports skills.

TEAM SPORTS PE204 1 Term ½ Credit Grades 11, 12

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

Students will participate in activities involving teamwork and will learn rules, techniques, and strategies for a variety of team sports. Team Sports will have a fitness component every day and a weight room component a minimum of once a week. Activities may include football, soccer, softball, ultimate Frisbee, speedball, volleyball, basketball, whiffle ball, various recreational games and cardiovascular fitness training.

LIFETIME SPORTS PE206 1 Term ½ Credit Grades 11, 12

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

This course will provide students with an introduction to a variety of activities that will encourage pursuit of lifelong recreational interests. Rules, techniques and strategies for a variety of lifetime sports will be emphasized. Lifetime Sports will have a fitness component every day a weight room component a minimum of once a week. Activities may include tennis, golf, bowling, table tennis, handball, pickleball, badminton, volleyball, weight training, various recreational games, outdoor activities, and cardiovascular fitness training. Students are to provide their own tennis rackets. There will be a \$15.00 fee for bowling.

WEIGHT TRAINING PE227 1 Term ½ Credit Grades 10-12

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

The focus of this course will be the relationship between muscular strength and endurance in conjunction with the skill-related components of speed, agility and balance. Cardiovascular fitness may be included. Safety and modern techniques of strength training as well as skill related fitness drills will be emphasized. Students will spend 60 percent or more of class time in the weight room.

FITNESS PE228 1 Term ½ Credit Grades 11, 12

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

The focus of this course is the development of lifetime fitness in addition to muscle strength, endurance, speed, flexibility, and agility. Activities will be designed to assist students to improve cardiovascular fitness and give them the ability to make healthy choices in lifestyle. This will be accomplished by the designed and implementation of programs tailored to individual student- based upon their current level of fitness. Students will design a personal fitness program and keep an exercise log of daily activities.

PE: DANCE I PE230 1 Term ½ Credit Grades 10 - 12

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

Dance I is an introduction to basic dance, movement, technique and routines designed for the beginner. Included areas are beginning jazz, ballet, aerobic dance, cultural dances, step aerobics, line dancing, hip-hop, and cardiovascular fitness training. This course may not be repeated and requires designing and performing routines in front of class members.

BASKETBALL **PE252** **1 Term** **½ Credit** **Grades 11, 12**

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

This course is designed for the basketball enthusiast. It will consist of “basketball only” activities including, but not limited to, drills, games and conditioning. There will be written work and tests relating to basketball and the different aspects of the game. Proper PE attire and regular attendance are critical. *This course may be taken once as a junior and once as a senior.*

AEROBICS **PE303** **1 Term** **½ Credit** **Grades 10 - 12**

Prerequisite: Must pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

This course 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. Students will learn to monitor their heart rate in order to achieve the proper workout at their target heart rate.

PE: DANCE II **PE330** **1 Term** **½ Credit** **Grades 11, 12**

Prerequisite: Successful completion of Dance I (PE230) and must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

This course provides instruction in intermediate jazz, ballet, aerobic dance, step aerobics, line dancing, hip-hop, rhythmic dance, and cardiovascular fitness training. Emphasis will be placed on improvement and continuation of technique. Combinations of movements will be studied. This course requires students to perform routines in front of class members.

ADVANCED PHYSICAL EDUCATION **PE401(term 1)** **1 Term** **½ Credit** **Grades 10-12**
PE402(term 2)
PE 403(term3)
PE 404(term4)

Prerequisite: Student **MUST** have the recommendation of a coach or physical education teacher to determine the student’s eligibility to be in this class. In addition the student must currently be involved in the sport associated with the term.

Student-athletes and fitness minded students have the option of taking an Advanced Physical Education class rather than a traditional class. This class is based on the Bigger, Faster, Stronger Fitness Program. Multiple aspects of Speed Training and Cardiovascular activities will be incorporated. The students in this class will concentrate on proper weight lifting techniques and improving their speed and cardiovascular fitness levels. Ninth grade students may be added to this class if room permits.

TOTAL WELLNESS **PE225** **1 Term** **½ Credit** **Grades 10-12**

Prerequisite: Must Pass TWO terms of Freshman/Sophomore Physical Education (PE 100)

The purpose of this class is to educate students on fitness and nutritional values to create a total body wellness. The class will be divided into two groups where they will alternate time between a classroom and fitness setting. Fitness and nutritional goals will be made and education will be given to reach these goals. Daily journals will be kept on fitness and food. This class will revolve around many aspects of healthy living.

QUALITATIVE ANALYSIS **SC352** **1 Term** **½ Credit** **Grades 11, 12**

Prerequisite: Chemistry (SCS250/SC252) with a "C" or above

This is a one term course designed for students that have completed two terms of chemistry. It is a laboratory course in which the study of qualitative analysis, plus selected experiments not covered in the first year, is examined. Approximately 90% of the time will be spent in the laboratory.

ANATOMY AND PHYSIOLOGY **SC440** **2 Terms** **1 Credit** **Grades 11, 12**

Prerequisite: Biology (SC240) and Chemistry (SC250/SC252)

This course provides students with a 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 has a laboratory experience that includes experimentation. 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 health care fields.

ZOOLOGY **SC442** **2 Terms** **1 Credit** **Grades 11, 12**

Offered 2016 – 2017

Prerequisite: Biology (SC240) and Chemistry (SC250/SC252)

The zoology course is designed to explore the animal kingdom in a variety of ways. Through hands on experience, discussion and reading the student will develop an understanding and appreciation for the diversity of animals. We will examine the ways biologists organize this diversity into a classification system that uses a variety of relationships between and within animal groups (phyla). We will also examine animal anatomy and physiological processes that have allowed them to develop and adapt as a result of environmental pressure. Dissections will be a required activity in this class.

PHYSICS **SC460** **2 Terms** **1 Credit** **Grades 11, 12**

Prerequisite: Algebra II. Concurrent enrollment in Algebra III Trig recommended.

Physics covers topics such as velocity, acceleration, force, momentum, and energy as well as electricity and magnetism. Extra topics such as relativity, string theory, extra dimensions, space, and time are also explored. Projects include building model rockets, catapults and trebuchets, electric motors, and radios. 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.

AP BIOLOGY **SC474** **2 Terms** **1 Credit** **Grades 11, 12**

Prerequisite: Biology (SC240) and Chemistry (SC250/SC252)

This is a college level biology course and will use a college level text. This course is designed for students who are serious about being well prepared for their introductory biology courses that the student expects to take their freshman year of college. Topics will include: molecules & cells, heredity & evolution, and organisms & populations. Because of the amount of material that must be covered in 2 Terms, there will be work outside of class and students will be expected to keep up with the textbook reading assignments. Former AP Biology exams will be used for study and practice. Students are required to take the AP Biology exam in the spring and may earn college credit depending on their test scores.

AP CHEMISTRY **SC478** **2 Terms** **1 Credit** **Grades 11, 12**

Prerequisite: College Prep Chemistry (SC252) and Geometry (MA240)

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year and will use a college textbook. For some students, this course enables them to undertake, as college freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Students will have a quick review of their first chemistry class, both independently and in class. The class will then consist of an in-depth look at new topics, including acids and bases, reaction kinetics, thermodynamics, oxidation-reduction, electrochemistry, and nuclear chemistry. Laboratory work is an essential part of the class to illustrate these chemistry topics. Students will take the AP Chemistry exam in the spring for the opportunity to earn college credit for the class. It is emphasized that students should communicate with their selected college to determine if that college will accept credit for this class.

AP PHYSICS I**SC481****2 Terms****1 Credit****Grades 11, 12**

Prerequisite: Concurrent enrollment in Algebra III / Trigonometry (MA340A)

AP Physics 1 is equivalent to a first-semester college course in algebra-based physics. The course will use a college level text and is designed for serious students interested in careers such as engineering, architecture, medicine, aerospace, computer science, astronomy, and meteorology. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Students are expected to take the AP Physics 1 exam in the spring and may earn college credit depending on their test scores.

AP PHYSICS II**SC482****2 Terms****1 Credit****Grades 11, 12**

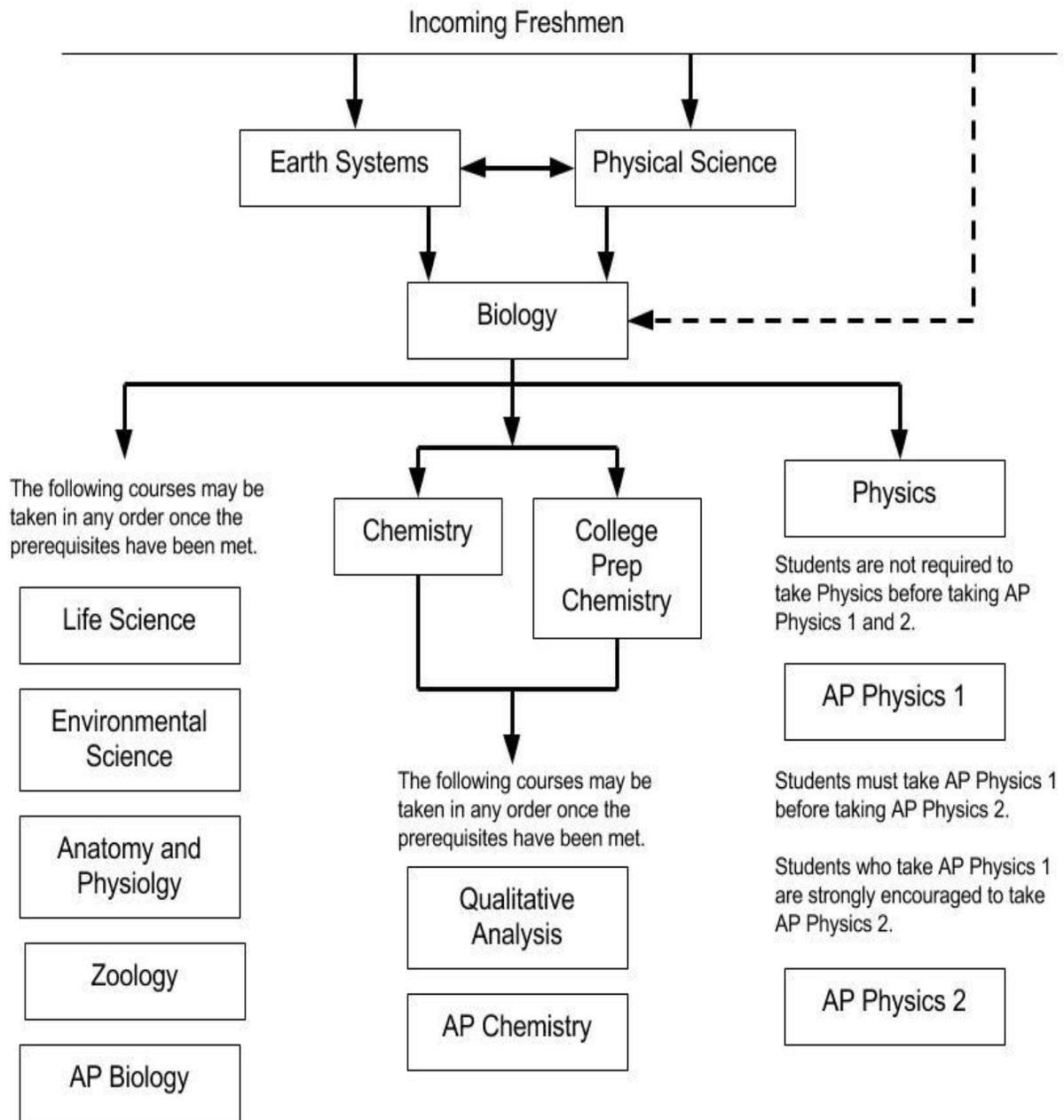
Prerequisite: AP Physics 1 (SC481)

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 will use a college level text and is designed for serious students interested in careers such as engineering, architecture, medicine, aerospace, computer science, astronomy, and meteorology. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic 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.

Science Department Courses

Students at Galesburg High School are required to take one science course (two terms) during their freshmen year. Students must take at least two science courses (4 terms) in order to graduate from Galesburg High School. Admission to many Illinois public colleges and universities requires students to have at least three science courses (6 terms) while in high school.

Recommendations for placement in 9th grade science courses will be made by 8th grade instructors. Students who are unsuccessful in a particular science course are strongly encouraged to enroll in another science course instead of repeating the same course a second time. This is to ensure that students get exposure to a wide variety of science courses before state testing during their junior year.



SOCIAL STUDIES

The Social Studies department offers a variety of courses for your benefit. These courses will help you better understand yourself, the world around you and will provide information and experiences which will prepare you for citizenship or for college.

CIVICS	SS151	2 Terms	1 Credit	Grade 9
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Civics is a required ninth grade course in social studies. Students will study basic U.S. history as related to development of our government, elections and campaigning, the three branches of government, and the U.S. Constitution. This course will focus on the skills attitudes and knowledge that will prepare them to be competent and responsible citizens throughout their lives. In addition this course will stress current events, basic social studies skills, and simulations of the democratic process. Completing a community service learning experience is required to pass Civics.

WORLD DISCOVERY	SS214	2 Terms	1 Credit	Grades 9-12
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This course is designed as a survey of history from the early ages through the present. This survey course examines fundamental social, economic, intellectual, geographic, cultural, and political developments in the history of humankind. There will be a general study of cultures and religions of the world with a stress on examining the conflicts caused by misunderstanding of cultures. It will examine both the common characteristics and uniqueness found in world cultures as affected by political, religious, social, economic and geographic factors. This course will also work to develop study skills for the student with reading difficulty.

EARLY WORLD HISTORY (to 1600)	SS250	2 Terms	1 Credit	Grades 9-12
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This course is designed as a survey of history from the origins of humans through the Age of Exploration from a global perspective. This survey course examines fundamental social, economic, intellectual, geographic, cultural and political developments in the history of humankind. This course will also stress current events and basic social studies skills. (Students who had difficulty in U.S. Government or who have difficulty with reading assignments should take World Discovery.)

MODERN WORLD HISTORY (1600 to PRESENT)	SS251	2 Terms	1 Credit	Grades 9-12
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This course is designed as a survey of history from the Age of Revolution through the present. This survey course examines fundamental social, economic, intellectual, geographic, cultural and political developments in the history of humankind. This course will also stress current events and basic social studies skills. (Students who had difficulty in U.S. Government or who have difficulty with reading assignments should take World Discovery.)

WORLD CULTURES	SS252	1 Term	½ Credit	Grades 10 - 12
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This course is a general study of cultures and religions of the world with a stress on examining the conflicts caused by misunderstanding of cultures. It will examine both the common characteristics and uniqueness found in world cultures as affected by political, religious, social, economic and geographic factors. The course will also focus on developing tolerance and respect for diverse cultures.

U.S. HISTORY	SS331	2 Terms	1 Credit	Grade 11
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United States History will focus on major themes of the “American Story” from the post-Civil War period to the modern era. Using a thematic approach, American cultural, social, political, and military history will be examined. Students will work individually and cooperatively to examine events, issues, and trends in the American experience.

SOCIOLOGY	SS361	1 Term	½ Credit	Grades 10-12
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This is the study of human relationships and culture. Topics examined include culture, race and ethnicity, religion, education, population, and crime.

GALESBURG HIGH SCHOOL SOCIAL STUDIES DEPARTMENT RECOMMENDATIONS

	Basic Level	Average Level	Advanced Level
	Reading issues or need assistance with study skills	Average or above average reading skills and past success in Social Studies w/ C or better	High motivation in Social Studies or high success in Social Studies
Year in School			
Freshmen	Civics (151)**	Civics (151) **	Civics (151)** World History (250 or 251)
Sophomores	World Discovery (214) **	World History (250 or 251) ** World Cultures (252) **	World History (250 or 251) ** World Cultures (252) **
Juniors	US History (331) **	US History (331) **	US History (331) ** American Studies (380) **
Juniors/Seniors Electives	Sociology (361) Diversity Studies (362) Psychology D/C (363) Psychology B/P (364)	Sociology (361) Diversity Studies (362) Psychology D/C (363) Psychology B/P (364) World Cultures (252) American Constitutional Law (365) Current Issues (368) Economics (369) World History (250-251)	Sociology (361) Diversity Studies (362) Psychology D/C (363) Psychology B/P (364) World Cultures (252) American Constitutional Law (365) Current Issues (368) Economics (369) World History (250-251)

For High School Graduation students must:

- Pass Civics *
- Pass US History or American Studies *
- Earn ½ credit of World History, World Discovery, or World Cultures *

Consumer Economics graduation credit can be earned by taking: Economics 369

SPECIAL EDUCATION

The Special Education Department is a unique department in the sense that it makes an individual educational plan for each student.

Because of taking individual differences into consideration, special education students are not placed in a progression of classes, as is the regular division student. Not only are the classes individually scheduled for the students, but also each subject is offered at different ability levels. The flexibility of the department is what makes it effective for the special education student.

FUNDAMENTAL COURSES

ENGLISH- (FN)	0EN10	2 Terms	1 Credit	Grades 9 - 12
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This course is designed to expose students to a variety of English survival skills at their ability level. Reading and writing as it relates to everyday living is emphasized. The course is designed to help the student read the newspaper and have it become a regular part of the language arts curriculum. The articles, comprehension questions, specialized reading, writing skills and the extension activities support a variety of reading, writing and survival skills. This course shall include writing friendly and business letters and addressing envelopes. This course also includes becoming familiar with the library.

READING- (FN)	0EN12	2 Terms	1 Credit	Grades 9 – 12
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(Offered 2017-2018) (Offered alternating years)

This course goes beyond survival reading skills and aggressively employs a wide variety of reading methods that are intended to lead to the improvement of the student's reading skills. Word analysis, context clues, pre-reading activities and post reading activities are some of the methods used to strengthen skills.

LIFE WRITING- (FN)	0EN09	2 Terms	1 Credit	Grades 9 - 12
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This course is designed to help students develop proficiency in written communication skills. It will focus on techniques that will help them begin to communicate more effectively in their everyday lives. Topics will include, but are not limited to, writing a thank you note, addressing envelopes, filling out job applications, writing a complaint letter, taking phone messages, and writing directions.

SCIENCE I- LIFE & EARTH- (FN)	0SC39	2 Terms	1 Credit	Grades 9 - 12
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This course is designed to help the student learn everyday science and science-based concepts. Students will be introduced to the vocabulary and concepts associated with life science and earth science through an activity-oriented, small group approach.

SCIENCE II- PHYSICAL SCIENCE- (FN)	0SC40	2 Terms	1 Credit	Grades 9 - 12
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This course is designed to help the student continue in their learning of everyday science and science-based concepts. Continuing with the approach of activity-oriented and small groups, students will be introduced to the basic principles of matter, heat, energy, mechanics, electricity, magnetism and sound.

HEALTH- (FN)	0HE90	2 Terms	1 Credit	Grades 9 - 12
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Students will explore the following topics: basic wellness, personal health habits, weight management, emotional and mental health, safety, drug use and abuse, and human sexuality.

CIVICS- (FN)	0SS21	2 Terms	1 Credit	Grades 9 - 12
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This course is a study of the U.S. Constitution, the three branches of government at the national and state levels, our local city and county governments, and the rights and responsibilities of citizenship.

INTEGRATED**ALGEBRA/GEOMETRY- (CC) 0MA22 2 Terms 1 Credit Grades 9 - 10**

Prerequisite: Pre-Algebra

This course is designed to meet the minimum requirements of the State of Illinois for Geometry. This is not an entry level course for incoming freshman. This course is designed to aid students who require additional work at the skills acquired in Pre-Algebra. Students will use calculators.

HUMAN BODY SYSTEMS- (CC) 0SC43 2 Terms 1 Credit Grades 9 - 12

This course explores the major systems of the body. Students will study important characteristics, functions and health issues related to each of the body's systems. Students will have the opportunity to explore the human body through labs, diagrams and computer programs. This course counts as a Science credit towards graduation.

GEOGRAPHY- (CC) 0SS20 1 Term ½ Credit Grades 9 - 12

Geography is the study of "What is where and why is it there". Students in this class will 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.

MULTICULTURAL STUDIES- (CC) 0SS26 1 Term ½ Credit Grades 11, 12

This course will examine specific minorities such as Hispanic-American, African-American, Asian American and Native Americans. The course is designed for students with auditory/visual/reading problems or problems understanding what they read. The focus will be group discussions to help students develop a tolerance for diversity in our society.

US HISTORY- (CC) 0SS28 2 Terms 1 Credit Grades 11-12

This course will help the student understand the sequence of major events in US History, their relationship in time, and basic insights into some of the causes of these events. This class is a graduation requirement.

JOB SEARCH- (CC) 0VO64 2 Terms 1 Credit Grades 10 - 12

This class is designed to prepare students with the skills necessary to find a job in the community. Topics covered include job leads, applications, interviews, resumes, grooming, dress for success and proper English. This class is a pre-requisite for S.T.E.P. (0VO75).

MINI-SHOP- (CC) 0VO68 2 Terms 1 Credit Grades 9 - 12

The Mini-Shop is a vocational workshop that provides students with a realistic job setting. The students follow a complete process of orders, production, quality control, delivery and customer satisfaction. The Mini-Shop is responsible for the school marquee, a copy service, engraving machine and much more. Students are assessed on attendance, accuracy, ability to work with others and following directions.

SECONDARY TRANSITION EXPERIENCE**PROGRAM (S.T.E.P) - (CC) 0VO75 2 Terms 1 Credit Grades 11, 12**

Prerequisite: Job Search (0VO64)

In this course students job shadow and apply for jobs with a goal to become employed in the community where they can earn at least minimum wage. Students receive supervision from employers, STEP teachers and job coaches. Topics for instruction include teamwork, leadership, health & safety, communication, thinking skills, time and information management. A team consisting of the classroom teacher, S.T.E.P. coordinator, and D.O.H.S. coordinator determines eligibility for approval.

ED/CROSS CATEGORICAL COURSES

The classes offered within the E/BD Program at GHS provide not only academic instruction but address the areas of self-management, following directions, and social appropriateness. The classes are appropriate for any special education student needing a structured environment.

MATH- (ED) 0MA33 2 Terms 1 Credit Grades 9-12

Basic math skills will be emphasized with a broad overview of pre-algebra and geometry concepts. This class will prepare the student to enter E/BD Math A or Applied Math I.

GALESBURG AREA VOCATIONAL CENTER - CAREER AND TECHNICAL EDUCATION

The move from an industrial society to a high tech, service-oriented society is changing the work patterns in America, creating a need for employees with specialized skills. Career and Technical Education offers courses that prepare students to enter the labor market with beginning occupational skills or prepares them for advanced occupational training at community colleges, technical schools, and four-year universities.

Students should consider the full range of work possibilities as they select and begin preparation for a career. The movement of students taking courses in the non-traditional areas is increasing.

All career goals are obtainable if you prepare yourself with the required skills and training. Career and Technical Education can do that for you by offering you greater opportunities through more and expanded choices.

TECH PREP

In the coming decade, career opportunities will go to those who have the academic and technical preparation to compete and succeed in a rapidly changing global work force. For many students, Tech Prep provides the path.

Tech Prep is a sequence of college preparatory course work with a rigorous concentration of technical education beginning in the ninth grade and leading to at least an associate’s degree and the possibility of a four-year baccalaureate degree beyond high school.

Development of the skills necessary to succeed--skills in math, science, communication, teamwork, critical thinking and problem solving are taught through practical hands-on application.

Tech Prep is a sequence of high school courses that will integrate with advanced training at Carl Sandburg College and other schools and universities that offer programs in the student's chosen career path.

Tech Prep career paths include many options. More information on Tech Prep career paths can be obtained in the vocational office at Galesburg High School.

CARL SANDBURG COLLEGE ARTICULATED ADVANCED STANDING

College credit at CSC may be awarded to students who have gone through a selected high school career and technical program. The following guidelines are used in the program:

1. Student must complete the career and technical courses at GHS/GAVC with a grade of A or B.
2. Up to six (6) credit hours of advanced placement credit in the same career and technical program at CSC can be awarded.
3. College credit will be held until the student successfully completes a more advanced course in the college program.
4. College credit will be awarded upon request anytime within a two-year period after graduating, and then it expires.

ARTICULATED COURSES BETWEEN GALESBURG HIGH SCHOOL/GALESBURG AREA VOCATIONAL CENTER AND CARL SANDBURG COLLEGE

GHS/GAVC COURSES	CSC COURSES
GHS BU102 – Computer Literacy	CIS 105 – Keyboarding and Computer Essentials
GHS BU310 – Accounting I	ACC 100 - Procedural Accounting
GHS BU310 & BU311- Accounting I & II	ACC 100 & ACC 101 - Principles of Accounting
GAVC VO336 Automotive Tech. I & VO337–Automotive Tech. II	AUT 101 – Spark Ignition Engines I
GAVC VO424– Child Care and Guidance	CHD 100 – Observation and Guidance of the Young Child
GAVC VO451- Law Enforcement	CRM 101- Introduction to Criminal Science

GAVC BUILDING TRADES VO411 4 Terms 2 Credits Grades 11, 12

Prerequisite: Introduction to Construction or recommendation from vocational office with completion of Woods I. The student may also test out of Introduction to Construction.

This course is designed to prepare students for careers 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.

GAVC EMERGENCY MEDICAL TECHNICIAN/BASIC VO412 3 Terms 1 ½ Credit Grades 11, 12

This is a course of instruction in basic emergency medical services. Students will learn patient assessment, stabilization and pre-hospital medical treatment of injured and ill patients. This course includes classroom instruction, practical demonstrations, testing and clinical experiences. This course will prepare students to take the licensure examination of the Illinois Department of Public Health to become an EMT-B. Students must have a high school diploma and be 18 years of age to attempt the state licensing test. This course is offered terms 2, 3 and 4 and will be awarded dual credit with Carl Sandburg College.

GAVC EARLY CHILDHOOD EDUCATION I VO424 4 Terms 2 Credits Grade 11, 12

This course is especially valuable to those planning 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. Successful completion of this course articulates with the CSC course CHD100– Observation and Guidance of the Young Child. *Students may earn credit at Carl Sandburg College. See page 47.*

GAVC EARLY CHILDHOOD EDUCATION II VO425 1 Term ½ Credit Grade 12

Prerequisite: Successful completion of Early Childhood Education I (VO424)

This course will allow highly motivated students to develop leadership skills and responsibilities at the Early Childhood and Elementary Education level. Students under the supervision of a certified staff member will create and present lessons, keep journals, complete timecards, and write in daily job-logs. Students will focus more on the lead teacher/director responsibilities and duties. 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. Some use of personal transportation will be needed dependent upon placement.*

GAVC NETWORKING TECHNOLOGY VO427 4 Terms 2 Credits Grades 11, 12

This program provides an overview of basic computer technology needed by computer techs, including: computer hardware, software, operating systems, local and wide area networks and electronic communication. The course will then develop in students a knowledge base on Windows operating system based networks and the tasks involved to support these networks. The second part of the program is based on the principles and practices of designing, building and maintaining computer networks. Instruction includes network theory, number systems, memory structure, buffers and registers, microprocessor configuration, peripheral equipment and programming as it applies to routers in a networking environment. Students who complete this program will have completed half of the necessary classes required to pass the Cisco Certified Network Associate (CCNA) test and 12 of the 33 hours required to complete the Computer Technician Certificate Program at Carl Sandburg College. Students will receive college credit in addition to GHS credit. Credit is awarded only at the end of Term 2 and Term 4, therefore, if a student drops out of the program before the end of Term 2 or before the end of Term 4, for whatever reason, there will be no credit awarded.

GAVC**EXPLORING HEALTH CAREERS ANATOMY & PHYSIOLOGY FUNDAMENTALS VO430****2 Terms****1 Credit****Grades 11, 12**

The first half of this course is designed to introduce the student who is interested in exploring a health career field to basic knowledge and skills for many different health careers. This is an introductory course exploring aspects of infection control, vital signs, patient movement/ transport, and patient care in different health career fields. The second half of the semester includes a systems approach to anatomy and physiology and many additional topics such as nutrition, metabolism, and fluid-electrolyte and acid-base balance. This course is offered on the Carl Sandburg College campus and is dual credit. Credit is awarded only at the completion of the course and will be offered terms 1 and 2.

GAVC INTRODUCTION TO PHARMACOLOGY/ MEDICAL TERMINOLOGY VO432**2 Terms****1 Credit****Grades 11, 12**

The first half of the semester is an overview of pharmacology and its medications as it pertains to health professions. Topics 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 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 correctly literally thousands of medical words from the elements learned, and be proficient in using a medical dictionary. Those entering any health care profession will find Medical Terminology a great asset to understanding lectures and textbooks, making their learning easier. This course is offered on the Carl Sandburg College campus and is dual credit. Credit is awarded only at the completion of the course and will be offered terms 3 and 4.

GAVC NUTRITION**VO436****1 Terms****½ Credit****Grades 11, 12**

This course 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 offered on the Carl Sandburg College campus and is dual credit. Credit is awarded only at the completion of the course.*

GAVC FACILITIES PLANNING AND MANAGEMENT**VO445****2 Terms****1 Credit****Grades 11, 12**

This course focuses on strategic workplace and facility planning and prepares individuals to function as facility and event managers and workplace consultants. Instruction includes the following: principles of aesthetic and functional design; environmental psychology and organizational behavior; real estate planning; principles of occupational health and safety; event planning and management; operations management; and applicable regulatory and policy issues.

GAVC CULINARY OCCUPATIONS VO450**4 Terms****2 Credits****Grades 11, 12**

This course prepares 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.

GAVC INTRODUCTION TO LAW ENFORCEMENT**VO451****4 Terms****2 Credits****Grades 11, 12**

This course deals with the 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 accident investigation report writing and reviewing, breathalyzer, crime scene, collection of evidence, firearm training, and ride along observations.

VOCATIONAL GUIDANCE

A vocational coordinator is available through the Area Vocational Center to help students whenever the need arises. The subject may be educational, vocational, or personal in nature. An open-door policy is always maintained. Listed below are services that are available in the vocational counselor's office:

1. Guidance in vocational course selection
1. Assistance in completing job applications
1. Assistance in developing and organizing a resume
1. Assistance in testing (ACT/SAT) (Forms available)
1. Assistance with technical school/college applications (Some forms available)
1. Assistance with financial aid (Forms available)
1. Assistance in preparing for a job interview
1. Catalogs and information on technical schools and colleges
1. Career Cruising (Computerized assessment and college information service)
1. Guidance in career choices
1. Assistance in seeking full and/or part-time jobs within the community
1. Schedule of college and technical school recruiters visiting the AVC

Any concerns that you have may be brought to the office at any time.

CAREER EXPLORATION & PLANNING

Most students will enter the world of work in the not-so-distant future. There are a wide variety of jobs and careers available both in Galesburg and throughout the world. Career development is a gradual lifetime process that begins in childhood and develops throughout your life. We often believe that there is only one occupation that is best for us, but there are really several that may be good choices. The more you know about yourself and your career interests the better able you will be to take advantage of career opportunities that may come your way.

Each career can require a different level of training. Some careers require college while others may require on-the-job training only. While earning a high school diploma puts you on an even playing field with many other job seekers, additional skills, training and education will improve your overall capability for more career opportunities and higher wages.

Career planning involves an evaluation of many factors about you including your personality and aspirations. You will need to identify those occupations that are compatible with your skills, values and interests.

Student activities to help make career decisions include:

- Use career resources available in the Guidance and Learning Centers and on the Internet.
- Listen to daily announcements and read Counselor's Corner.
- Complete an interest inventory.
- Make arrangements to shadow an individual working in a field of work which interest you.
- Talk to adults in a variety of professions to learn more about their careers.
- Tour a business that is of interest to you.
- Volunteer.
- Become involved in school and community activities.
- Keep a "portfolio" of your activities and awards.
- Take advantage of the website www.careercruising.com (username: "galesburg", password: "careers").

Your guidance counselor is available to assist you in developing a career plan. Be aware – both class rank and attendance are often used by employers and colleges to make decisions about you!

POST HIGH SCHOOL EDUCATIONAL PREPARATION

Interest in continuing one's education is an important factor to consider in discussing what to do after high school. Many jobs which, until fairly recently required only a high school education, now require additional technical or other type of education or training. Also, college provides opportunities for personal growth and development, which are not always directly related to career preparation, but would help one to enjoy a fuller and more meaningful life.

"Junior College" usually means that the concentration is on providing the first two years of a baccalaureate program, after which the student may go on to a four-year or "senior" college. Some two-year colleges call themselves "Community" colleges, (such as Carl Sandburg College) to describe their function more adequately. Community colleges serve the entire spectrum of students who go on to further their education; the student who wants only one or two years of college, wants to transfer to a "senior" college, or may want only a few courses in no particular sequence.

"Technical Institutes" may or may not offer courses of two years duration. Some have one-, two-, three- and four-year courses. They usually concentrate on technological fields only.

At GHS, the four-year preparation for college and financial aid begins in grade 9 and continues throughout high school. Counselors stress the importance of a vigorous academic program with high achievement, quality involvement in extra-curricular activities, and leadership experience. Volunteer work and leadership roles in clubs and sports are helpful all four years; record the hours spent at each activity.

Freshmen should enroll in challenging classes in English, math, science, Civics, and the arts. Students should check the admission requirements of the institution in which they are interested for the most recent information. The **sophomore** year is the time to begin looking at specific college catalogs and visiting colleges. **Juniors** should explore many different colleges by talking to college representatives when they visit GHS and going to college campuses on days when GHS is not in session. By the end of the year, choices should be narrowed down so applications can be sent during the summer and beginning the senior year. Be aware that institutions require prior testing to admission. (See testing on page 53.) **Early** during the **senior** year is time to send in the college applications and finalize decisions. Explore as many avenues as possible to find scholarships and financial aid. Juniors and seniors should pick up the Scholarship and Financial Aid Booklet from their counselor. A more detailed list of college planning for each grade level is available in the Guidance Department and at registration in August.

FINANCIAL AID INFORMATION

Financial aid is a process students and parents will need to familiarize themselves with if they think they may need assistance to fund college. Financial aid programs are generally for use at approved public and private colleges, universities, junior colleges, and vocational schools. There are a variety of programs with different qualifications. Families may not qualify for grants/free money, but they may qualify for subsidized loans and work study programs.

All financial aid for each post-secondary institution starts with filling out the Free Application for Federal Student Aid (FAFSA) form that is available in the GHS Counseling Center. Seniors and their parents should complete the FAFSA as soon after October 1 as possible for the next school year. The Counseling Department will sponsor an evening program each year on Financial Aid for students/parents. Financial advisors from area colleges will provide a general overview of the financial aid process that includes scholarships, grants, work-study programs, and loans. Parents will also have the opportunity to file the FAFSA form electronically.

Counselors are also available during the regular school day to help with your specific questions about the process and forms. There are also some Internet sites that parents/students can contact and do an early estimate of financial need.

The Scholarship and Financial Aid Booklet is available each fall on the school website at www.streaks.org/guidance.htm. Scholarships listed in this book are from the national, state, local, or Galesburg Public Schools Foundation. Scholarship applications are available on the Counseling Department website at www.streaks.org/guidance.htm. Seniors are also encouraged to check the scholarship portion of "Counselor's Corner" weekly for new scholarships and upcoming deadlines. Additional scholarships are generally available from each college. Students are encouraged to check the college scholarship file drawer and/or contact the college to find out what scholarships they qualify.

INTERNET SITES

The Web has fast become one of the preferred tools for college-bound students to begin the college planning process. Parents and their children can take advantage of the Web to gather valuable information to assist in their college choice decisions, to learn more about college financing options, and to begin the required application procedures.

www.howtostudy.org	Preparation, note taking, and test strategies
www.collegenet.com	Scholarships and apply to colleges
www.ed.gov/about/offices/list/OPE/index.html	State scholarships, grants, loans
www.isac.org	Illinois Student Assistance Commission
www.ilworkinfo.com	State labor market, employment, occupations
www.collegeboard.org	Financial aid, testing, applications, search
www.fastweb.com	Free scholarship search
www.careercruising.com	Username: Galesburg, Password: careers
www.whatsnextillinois.org	Apply to Illinois colleges and more
www.iTransfer.org	Help Illinois students transfer easily
www.actstudent.org	ACT's website
www.finaid.org	Guide to student financial aid
www.militarycareers.com	Military career guide
www.myfuture.com	Military college programs and other

NCAA ACADEMIC ELIGIBILITY REQUIREMENTS

Refer to the information at the NCAA Eligibility Center for specific information (www.ncaa.org)

In general:

Student-athletes first entering collegiate institutions on or after August 2016, in Division I must:

1. Graduate from high school.
2. Earn a GPA of at least 2.3 (on a 4.00 scale).
3. 10 of the 16 core courses must be satisfied prior to the start of the senior year.
4. 7 of those 10 core courses must be from English, Math and Science subsections.
5. Grades earned in the 10 core courses are “locked in” for the purpose of calculating the final core course GPA.
6. Any retakes of the first 10 core courses must be completed prior to the senior year.
7. Core courses include: 4 years of English, 3 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab), 1 year of additional English, mathematics or natural/physical science, 2 years of social science, 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).
8. When students register for the ACT or SAT, use the NCAA Eligibility Center code 999 to ensure all ACT and SAT scores are reported directly to the NCAA Eligibility Center form the testing agency. Test scores that appear on the transcript will not be used.

Definition of a “Core Course” – For the purposes of meeting the core-curriculum requirement, a “core course” is defined as recognized academic course (as opposed to a vocational or personal-service course) that offers fundamental instructional components in a specific area of study. Courses that are taught at a level below the high school’s regular academic instructional level (e.g. remedial, special education or compensatory) cannot be considered core courses regardless of course content. ***Please get a copy of the approved courses for GHS (Form 48H) from your guidance counselor to see which classes qualify as core courses.***

MILITARY

An individual may enlist in the military armed services (after passing a physical examination) for periods of time ranging from two to six years. There are jobs for both men and women - 300 or more jobs that have civilian counterparts, plus many more jobs available only in the military.

Each branch (Army, Navy, Air Force, Marines, and Coast Guard) provides a GI bill, which enables young people to pay for college education after active duty. Your local recruiter can provide specific information.

Reserve and National Guard units provide the opportunity for military involvement at home. They offer training, education, and advancement. People enlisted in these programs lead normal civilian lives while serving one weekend each month and two weeks each year of active duty.

STUDY SKILLS

The beginning of the school year is a good time to review various study techniques. Here are some helpful hints:

1. Re-read difficult selections. If there are graphs or tables, look them over carefully.
2. Outline complicated material.
3. Make a list of important facts and use this as a quick way of learning detailed materials.
4. Read chapter titles, subtitles, and paragraph headings.
5. When you study, concentrate; don't let your mind wander.
6. Take notes--look for major points.
7. Study for no more than two hours at a time. Take a break (5 to 10 minutes) between each subject.
8. Learning and understanding ideas and concepts and their relationships is more important than mere facts.
9. Study what you read rather than just reading assignments.
10. Results depend not on how long you study, but how well.
11. It is a good practice to start each study period with a brief review of the preceding lesson.
12. When reading, remember that each paragraph usually contains one important idea.
13. Make a list of new words and their definitions in each unit.
14. Summarize a series of ideas after you have read them or studied them from notes.
15. When you finish an exam, reread it carefully for errors.

GALESBURG HIGH SCHOOL SUMMER SCHOOL INFORMATION

Galesburg High School has an agreement with Carl Sandburg College whereby students can take summer classes through CSC and transfer the credit back to GHS for high school credit. Each course of at least three semester hours equals ½ credit at GHS. In many instances the student can earn college credit at the same time. Approval of the GHS administration is required prior to enrolling. Registration for the summer session at CSC is ongoing from December through June. The Carl Sandburg website (www.sandburg.edu) has specific information regarding classes and dates. See your counselor for approval of classes and further registration information.

GHS will conduct a summer session for Driver Education and Credit Recovery. Dates will be determined in the spring. Summer School dates may be adjusted based on the District 205 Master Calendar and the number of emergency days used during the year. In addition to the regular Summer School tuition charges, there is a \$75 fee for Driver Education. State of Illinois collects a \$20 fee for the driving permit. Students must make payment when they register. Full refunds will be made if a student withdraws before the end of the first week of the summer session. Materials will be available in the GHS Main Office. Students who do not already possess a valid Illinois Driving Permit will be required to take and pass the written permit test and the vision test. Specific information about the date and times of the tests will be distributed with the registration materials. Additionally, there will be opportunities for credit recovery via the APEX online Learning program. See your counselor for additional information.

TESTING

PSAT/NMSQT - Juniors

The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is a multiple-choice test that measures developed verbal and mathematical reasoning abilities important for academic performance in college. This exam also allows students to participate in the National Merit Scholarship competitions, the National Merit Achievement Scholarship Program for Outstanding Negro Students, and the National Hispanic Scholars Awards Program. Students usually take this exam in October of their junior year.

TEST DATE: Wednesday, October 12, 2016

ACT - Juniors/Seniors

American College Testing program. The Act Assessment consists of academic tests that measure educational development and is recommended or required by more than 2700 post-secondary institutions and scholarship programs. All Illinois colleges accept this exam for admission. It may be taken more than once. Most college bound GHS students take this exam during the spring of their junior year.

<u>TEST DATES</u>	September 10, 2016	February 11, 2017
	October 22, 2016 at GHS	April 15, 2017 at GHS
	December 10, 2015 at GHS	June 10, 2017 at GHS

SAT - Juniors /Seniors

The Scholastic Assessment Test is a 3-hour multiple-choice test that measures verbal and mathematical reasoning abilities related to performance in college.

SAT II - Subject Tests- Juniors/Seniors

Subject tests are designed to measure knowledge and ability to apply that knowledge, in specific subject areas. Those colleges requiring subject tests use them in selecting students for admissions, for course placement, or both.

<u>TEST DATES:</u>	October 8 , 2016	GHS	SAT I & II
	November 5, 2016		SAT I & II & English Language Proficiency Test (ELPT)
	December 3, 2016	GHS	SAT I & II
	January 21, 2017		SAT I & II & ELPT
	March 11, 2017		SAT I
	May 6, 2017		SAT I & II
	June 3, 2017	GHS	SAT I & II

ADVANCED PLACEMENT EXAMINATIONS

Information about advanced placement examinations can be obtained from the Guidance Department.

TEST DATES: There is a two week period in May when these tests are administered. The dates for specific tests can be found at <http://www.collegeboard.com/student/testing/ap/cal.html>

ASVAB

Every fall the Guidance Department offers, free of charge, the Armed Services Vocational Aptitude Battery (ASVAB). An aptitude test tries to find your natural tendencies or inclinations in career fields. This test may provide a real boost in your efforts to choose a career. See your counselor for details. (Tentative Date- November 15, 2016)

PLANNING GUIDE

Name _____

Grade _____

Freshman Year

Terms 1 & 2		Terms 3 & 4		CREDITS

Sophomore Year

Terms 1 & 2		Terms 3 & 4		CREDITS

Junior Year

Terms 1 & 2		Terms 3 & 4		CREDITS

Senior Year

Terms 1 & 2		Terms 3 & 4		CREDITS

Specific Course Requirements

English_____

Social Studies_____

Math_____ Consumer Ed_____

Science_____ Health_____

P.E._____

Art, Music, Foreign Language, or Vocational Ed_____

Name_____ Class Rank_____

Total Credits Earned To Date_____

Credits Being Taken This Term_____

Total Credits by End of this Year (assuming all classes are passed)_____

Credits Remaining to Graduate_____

Credits to be Earned Next Year_____

***RESPONSIBILITY FOR COUNTING CREDITS AND MEETING GRADUATION REQUIREMENTS RESTS WITH THE STUDENTS AND THEIR PARENTS.