



Albion High School

COURSE DESCRIPTIONS 2023-2024

Counseling Department:

Chairperson

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Online Course Catalog
www.albionk12.org

Dear Students,

It's time again to meet with your school counselor and decide what courses you would like to take for next year!

Listed in this curriculum guide are the course options available to you for the 2023-2024 school year. Course selection is an important decision and one that should not be taken lightly. Please take the time to think very hard about the courses you select. Be sure you are making informed decisions. Ask plenty of questions, seek advice, stay engaged.

Try asking yourself the following:

- Will these courses challenge me academically?
- Will these courses help me meet my post high school aspirations?
- Will these courses mentally engage me?
- Will these courses help me become a well-rounded individual?

Once you have made your choices, stay committed. If changes need to be made, you must follow the timeline for adding and dropping courses. Changes to your schedule may be made during the first three days of each semester. Please be advised that a minimum of 12 students must be signed up for a course to run.

Remember to enjoy your high school journey and make the most of this time to learn, lead and appreciate new opportunities.

Sincerely,
Principal Jennifer Ashbery

Course Descriptions

Please note that in some cases, films are used to supplement course content and textbooks. A complete list of films and their ratings may be found on the last page. Questions regarding content subject to a film's rating may be directed to the English department chairperson at 589-2040.

AP Courses: The students are strongly encouraged to take the AP Exam in May. Students scoring a 3 or higher on the AP exam can earn college credit, if accepted. College admissions counselors look highly at AP courses on student transcripts because of the rigor and upper level thinking skills that are required in the courses. There is a fee for the AP exam.

English (20 week courses)

ENG LITERACY • 1 CREDIT

Students will revisit and strengthen literacy skills: comprehension, accuracy, fluency and vocabulary. The course is designed to help students develop the reading and writing skills necessary to be successful in English 1. They will read a variety of novels, short stories, poetry, and non-fiction. In addition, all students will participate in a 21st century library literacy program.

ENG100 ENGLISH 1 • 1 CREDIT

Students will read a variety of printed materials such as novels, short stories, magazines and newspaper articles, and other non-fiction material. The emphasis will be on developing reading skills in comprehension, interpretation, analysis, and evaluation of these printed and digital materials. Students will write a variety of forms and practice gathering ideas, organizing, editing, revising, and producing final products. Students will be introduced to researching and gathering information to produce source based argument essays. In addition, all students will participate in a 21st century library literacy program.

ENG200 ENGLISH 2 • 1 CREDIT

This course is designed to prepare students with further reading comprehension and writing tasks beyond English 1. Students will be expected to read pre-selected and student chosen novels, short stories, poetry, drama, and non-fiction pieces. Students will discuss the materials, complete projects and writing assignments in each major unit of study. This class will focus on close reading from a variety of texts, creating connections between multiple works and using evidence to support written assignments. Students will continue to develop skills in researching and gathering information to produce source based argument essays and research paper.

Graduation Requirements

Minimum Graduation Requirements*

4 Credits of English	4 Credits of Social Studies
3 Credits of Science	3 Credits of Math
2 Credits of Physical Education	1 Credit of Health
1 Credit of Career & Technical Studies	1 MST Project (required for the classes of 2023, 2024 and 2025)
1 Credit of Fine Arts or Music	.5 Credit (30 hours) Community Service
1 Credit of Foreign Language or Proficiency	

The Regents Exam List

1. Global History or US History
2. Comprehensive English
3. Regent Science Exam
4. Integrated Algebra
5. One additional approved program or option

Regents Diploma with Advanced Designation*

4 Credits of English	4 Credits of Social Studies
3 Credits of Science	3 Credits of Math
2 Credits of Physical Education	1 Credit of Health
1 Credit of Career & Technical Studies	1 MST Project (required for the classes of 2023, 2024 and 2025)
1 Credit of Fine Arts or Music	.5 Credit (30 hours) Community Service
3 Credits of Foreign Language	-or- 5 Credits of Career & Technical Studies, Art or Music

The Regents Exam List

1. Global History or US History
2. Comprehensive English
3. Living Environment
4. Physical Setting
5. Integrated Algebra
6. Geometry
7. Trigonometry
8. Language Other Than English or 5-unit sequence in Arts or CTE
9. 2nd Social Studies or 4th Math or 3rd Science

* Plus electives to bring total credit count to 23.5

Please note, courses will available based on enrollment.

Diploma types are continuously being changed by the State Education Department. For the most up-to-date information, please contact your child's school counselor.

Additional information regarding Diploma & Credential requirements can be found at www.p12.nysesd.gov/ciai/gradereq/diploma-credential-summary.pdf

ENG 203 WORLD LITERATURE

1 CREDIT

A utopia is a paradise, an ideal society with no poverty or injustice or unhappiness. It is a place with the perfect government, the perfect economy, and the perfect way of life. In this class, we will study different utopian philosophies, or different ways of creating a utopia, in real life and in literature. Throughout the course, we will ask the question: Is it possible to make a perfect community? In this course you will read a variety of literature, including novels, short stories, poetry, drama, and non-fiction articles. You will also analyze films and music. This class will focus on close reading from a variety of texts, creating connections between multiple works and using evidence to support written assignments. Students will continue to develop skills in researching and gathering information to produce source based argument essays and research paper.

ENG 300 ENGLISH 3 • 1

CREDIT

This course is designed to prepare students for the Common Core exam. It will emphasize reading and writing about novels, plays, short stories, poetry and non-fiction. Students will focus on interpretation, analysis, and evaluation of printed and digital materials and create text analysis using the material. Students will master the skills in researching and gathering information to produce source based argument essays and research paper. It is expected that students completing this course will take the Common Core.

ENG 380 CREATIVE WRITING

1 CREDIT

This course is designed to teach students the skills necessary to write original pieces. Units may include: non-fiction, fiction, poetry, and children's stories. We will read a variety of texts to aid in the writing process. A journal is required.

ENG 420 ENGLISH 4 • 1

CREDIT

English 4 is designed to help you enhance skills you will need in college: research and argumentative writing, use of digital resources, and much more! Students in this course will have an opportunity to visit college libraries and use research skills to create a research project. In

addition, students will read a variety of works that focus on literary criticism. Every student will be required to create a personal portfolio by the end of the semester documenting individual research in an area of interest.

ENG 515 COLLEGE COMPOSITION, LITERATURE & HUMANITIES • 1 CREDIT (6 GCC CREDITS)

In this course, students will write six to seven compositions and take several quizzes and examinations. Basic rhetorical principles including distinctions between subjective and objective language and the elements of critical thinking are used to develop an overview of six aims of discourse. After the overview, students will study the special rhetoric of informative and persuasive discourses. Students are expected to share, revise, edit, and rewrite papers on a regular basis. Group discussion, lecture, an independent study project, and a research paper are all part of the course. In addition, the skills of writing prose, (begun in College Composition), will continue to be developed and refined in College Literature and Humanities. Students will write five informative, persuasive and/or expressive papers. Students will also produce an acceptable informative or persuasive research paper. In addition to writing, students will be exposed to various types of literature, art, philosophy, music, film, and poetry. Through their reading, listening and viewing, students will explore what it means to be human and how human beings interact with others and with the world around them. Various activities, including discussion, group projects, films, and presentations, will allow students to develop critical thinking skills. By registering with GCC, students who achieve a 70 or higher in the course can receive six college credits.

APCLTC AP LANGUAGE & COMPOSITION • 2 CREDITS

(40 weeks)

This full-year college course is designed for the motivated student who exhibits a desire to explore language and composition. It is designed to be equivalent to the introductory year of college composition course work. The course will help students become skilled readers of prose written in a variety of

disciplines and rhetorical contexts, and become skilled writers who compose for a variety of purposes. An integral part of the course will be the development of research skills that enable students to evaluate, use, and cite source material. AP Language is a full-year course worth 2 English credits. (This course will be offered during the 2024-2025 school year.)

APCLTC AP LITERATURE AND COMPOSITION • 2 CREDITS (40 weeks)

This full-year college course is designed for the motivated student who exhibits a desire to explore literature and composition. It includes instruction in the careful reading and analysis of literary works as well as frequent writing practice. SAT preparation, as well as a unit in the college essay/application process, is included. AP Literature is a full-year course worth 2 English credits. (This course will be offered during the 2023 - 2024 school year and will be offered every other year thereafter.)

PLEASE NOTE: IF YOU WOULD LIKE A LIST OF NOVELS AND/OR FILMS BEING USED IN COURSES, PLEASE CONTACT YOUR CHILD'S TEACHER.

Mathematics

MAT100 PRE-ALGEBRA FOUNDATIONS • 1 CREDIT

This course covers all of the basic algebra and math concepts needed to be mastered before Algebra. This course prepares a student to be successful in an Algebra class. Use of a graphing calculator is needed and provided for use in class.

MAT101 ALGEBRA

1 CREDIT

This course focuses on preparation for the Math Regents Exam in Integrated Algebra. The course covers Algebra, graphing, functions, geometry, probability and statistics. Passing of the Integrated Algebra exam is a graduation requirement for a Regents Diploma. Use of a graphing calculator is needed and provided for use in class.

MAT201 GEOMETRY • 1 CREDIT

This course will cover all topics needed to pass the Math Regents Exam in Geometry. The course concentrates on Geometry, but also covers Algebra, graphing, functions, logic and formal proofs. This exam is required to receive a Regents Diploma with Advanced Designation. Use of a graphing calculator is needed and provided for use in class.

MAT301 ALGEBRA II

1 CREDIT (3 GCC CREDITS)

Follows the 101 and 201 sequence and primarily contains advanced algebra and trigonometry topics. A scientific calculator is required and a graphing calculator is needed and provided for use in class. This exam is required to receive a Regents Diploma with Advanced Designation. Use of a graphing calculator is needed and provided for use in class.

MAT400/401 PRE-CALCULUS

1 CREDIT (4 GCC CREDITS)

The topics in this course include advanced algebra, trigonometry, analytic geometry and functions. Use of a graphing calculator is needed and provided for use in class. By registering with GCC, students who achieve a 70 or higher in the course can receive four college credits.

MAT420 FINANCIAL LITERACY/BUSINESS MATH • 1 CREDIT

Financial Literacy is a course in applied mathematics for business and consumer use. It is designed to increase students' skills and awareness about personal finance and investments. Personal finance topics include checking/savings accounts, stocks and bonds, mutual funds, credit, insurance, taxes, job benefits, home ownership, auto ownership, college financial, marriage and divorce, retirement and estate planning. Additionally, students will learn about business topics such as payroll, bankruptcy, depreciation, purchasing and pricing merchandise, manufacturing costs, distributing business profits and financial statements. This course may be used as one math credit or one business credit.

MAT501 COLLEGE CALCULUS

1 CREDIT (4 GCC CREDITS)

Topics of study include derivatives and their applications, rate

problems, maximum and minimum problems and integration and its applications. Use of a graphing calculator is needed and provided for use in class. A fee is required for college credit. By registering with GCC, students who achieve a 70 or higher in the course can receive four college credits.

Prerequisite: Math 401

APCCAL CALCULUS II/AP CALCULUS • 1 CREDIT (4 GCC CREDITS)

Students must pass Calculus I to be eligible for this course. Topics of study include integration, applications of definite integral geometry, science, and engineering, principles of integral evaluation, materials modeling with differential equations, infinite series, and analytical geometry in calculus. Use of a graphing calculator is needed and provided for use in class. An AP exam fee is required. By registering with GCC, students who achieve a 70 or higher in the course can receive four college credits.

MAT550 STATISTICS I (Fall semester only) • 1 CREDIT (3 GCC CREDITS)

This course provides an introduction to statistics, data analysis and includes measurements of Central Tendency, organizing data, and producing statistical models using probability. This course is a Prerequisite for A.P. Stats. Use of a graphing calculator is needed and provided for use in class. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

Prerequisite: Algebra/Trigonometry

APCSTA AP STATISTICS (Spring semester only) • 1 CREDIT (20 weeks)

Through this course students can obtain college credit by taking the AP exam in May. The number of college credits earned is determined by the exam score. Topics include exploring and organizing data, data collection and interpretation, using probability theory and simulation to produce statistical models and using statistical inference. Use of a graphing calculator is needed and provided for use in class. Prerequisite: Statistics I

Science

REGENTS SCIENCE COURSES

All students graduating must earn a minimum of three credits in Science. **ALL STUDENTS MUST PASS AT LEAST ONE PHYSICAL SETTING COURSE OR ONE LIVING ENVIRONMENT COURSE** culminating in a passing score on the Regents exam.. All students must also complete a second and third science course which need not be connected to a laboratory requirement or Regents exam. For example, some agricultural courses may satisfy the elective requirement for a science credit. Regents science courses are taught as either a 20 week or 40 week course.

SCI110/115 PHYSICAL SETTING (EARTH SCIENCE) • 1 CREDIT

Earth Science is a course with a strong emphasis on hands-on lab work. The course focus is to increase students' knowledge of their environment, specifically in the fields of geology, meteorology, astronomy and oceanography. Science literacy will be enhanced by using the science textbook, scientific articles and data collected from hands-on lab activities to make logical inference. A major emphasis is placed on developing science literacy skills, which include analyzing and interpreting charts and diagrams. Taking 3D relationships and being able to convey the scientific and technical relevance. Grades are based on quizzes, tests, laboratory work, and homework. All students will take the New York State Regents Examinations in Earth Science which includes a separate lab practical upon completion of the laboratory program.

SCI210/215 THE LIVING ENVIRONMENT (BIOLOGY) • 1 CREDIT

This course is a detailed study of living things, how they are similar and related, how they interact and how the chemical structures and processes have shaped them. As a New York State mandated prerequisite for admission to the Living Environment Regents exam, students must complete 1200 minutes of laboratory experience with satisfactory written reports for each laboratory investigation. The laboratory work is designed to show application of topics and to teach

students to reason deductively in a problem solving situation. Science literacy will be enhanced by using the textbook, scientific articles and current science new to make logical inferences. Students will use text as well as laboratory data to write, speak and support scientific conclusions. Students will also follow complex multi-step procedures when carrying out experiments, take various biological measurements and interpreting related charts and graphs. Grades on based on topic assignments, classwork, projects, class notebooks, laboratory write-ups, quizzes and exams. All students who successfully complete the lab program will take the New York State Regents examination in Living Environment.

SCI310/315 PHYSICAL SETTING (CHEMISTRY) • 1 CREDIT

Chemistry is the study of matter in its smallest possible detail. Emphasis is placed on the laboratory work and laboratory safety procedures. Laboratory experiments with subsequent write-ups and calculations are strongly emphasized. Class work consists primarily of lecture-demonstrations, quizzes, homework questions and problems, and exams. We will use workbooks, lab work, scientific articles/current science and real-life situations to enhance our problem-solving skills and improve science literacy. Students will use text, as well as laboratory data, to write, speak and support scientific conclusions. Students will follow complex, multi-step procedures when carrying out experiments, take various physical measurements, and interpret related charts and graphs. Grades are based on lab work, quizzes, notebooks, lab practicals and class exams. All students who successfully complete the lab program will take the New York State Regents examination in Chemistry.

SCI410/415 PHYSICAL SETTING (PHYSICS) • 1 CREDIT

If you want to know why objects fall, explain what occurs on a merry-go-round, or know how electric circuits operate, then physics is the course for you! We use simple algebra to describe the transfer of energy and describe motion of matter, from the tiny electrons to massive planets. We explore the forces and concepts that govern the everyday world. What do photocopiers and

lightning bolts have in common, what is static electricity, how do airbags work and who really wins at tug of war? No matter what your goals are in life, you will be better at what you do if you understand the physics behind it! Science literacy will be enhanced by using the textbook, scientific articles and data collected from hands-on lab activities to make logical inferences. Students will translate quantitative data into visual forms, synthesize information from a range of sources into a coherent understanding of a phenomenon. Students will follow multi-step procedures when carrying out experiments and analyze the specific results based on explanations in the textbook. Grades are based on topic assignments, classwork, homework, laboratory write-ups, quizzes and exams. All students who successfully complete the lab program will take the New York State Regents examination in Physics.

SCI520 COLLEGE BIOLOGY 1 CREDIT (3 GCC CREDITS)

College Biology is an in-depth study of the biological and chemical aspects of all living systems. It allows for a student to pursue a college-level course while still in secondary school. Students will be graded on class participation, exams, quizzes and lab work. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits for Principles of Biology.

SCI580 MARINE SCIENCE 1 CREDIT

Most of the Earth is covered by water! Marine Science is the study of the ocean and other marine environments. This course covers Marine Biology as well as Oceanography and how the physical and living environments interact. The class is project-based with many lab investigations. These labs will provide the student with opportunities to investigate the physics, chemistry and biology of difference marine environments. Science literacy will be enhanced by using the science textbook, scientific articles and data gained from hands-on lab activities to make logical inferences. Students will analyze the structure of relationships among concepts and translate quantitative information into visual graphics. Grades will be based on lab practicals, classwork, tests/quizzes and projects.

APCBIO AP BIOLOGY 1 CREDIT (20 weeks)

AP Biology is a rigorous, college-level course designed for highly motivated students who have a strong interest in science and wish to pursue a career in the science field. The content and setup of the course is very similar to a first year college Biology course for science majors. Students will study the following areas: organic chemistry, cell structure and functions, life functions of plants and animals, heredity, molecular genetics, ecology, diversity of organisms, evolution, human anatomy and physiology. All topics will be studied in great detail providing the solid background knowledge for many of the upper level college courses that any science major will encounter. Students will be graded on daily assignments, quizzes, exams, and lab work.

APCHE AP CHEMISTRY

2 CREDITS (40 weeks)

AP Chemistry is a rigorous, college-level course designed for highly motivated students who have a strong interest in science and wish to pursue a career in the science field. The content and setup of the course is very similar to a first year college chemistry course for science majors. Students will be graded on daily assignments, quizzes, exams, and lab work, as well as a post exam demonstration project. Students will use the textbook and various other text as well as lab work, including inquiry labs, to hone their problem-solving skills and science literacy. Students will write, speak and support scientific conclusions while completing complex experiments, interpreting text and designing their own experiments. Students are required to take the College Board AP Exam in May. High school chemistry is a prerequisite for this course. (**This course will be offered during the 2023 - 2024 school year and will be offered every other year thereafter.**)

APCPHY AP PHYSICS 2 CREDITS (40 weeks)

This course will focus on big ideas typically included in the first and second semesters of an algebra-based introductory college-level physics sequence (excluding heat, fluids and optics). This course will provide students with an enduring understanding of problem solving skills to support future advanced

coursework in the sciences. Through inquiry-based learning, students will develop critical thinking and reasoning skills, as defined by the AP Sciences Practices. This course will prepare students to take the College Board AP Physics 1 exam. AP Physics 1 is a rigorous, college level, algebra (non-calculus) based science course for highly motivated students who have a strong interest in science and wish to pursue a career in any science field. The course revolves around the concepts of motion, energy, rotational dynamics, planetary motion, waves and sound. High school physics is strongly recommended prior to taking this course. Science literacy will be enhanced by using the textbook, scientific articles and data collected from hands-on lab activities to make logical inferences. Students will evaluate the hypothesis, data, analysis, and conclusions in a science text and corroborate or challenge the conclusions with other information when possible. Students will construct formal lab reports in which they write arguments to develop claims, supplying relevant data and evidence while pointing out its strengths and limitations. Students will become adept at translating quantitative information into charts and mathematical equations. All topics will be studied in great detail, with grades based on lab work, quizzes, homework and daily assignments. (**This course will be offered during the 2024-2025 school year, and will be offered every other year thereafter.**)

STE220 AGRICULTURAL SCIENCE 1 CREDIT

This course will address the multi-level pathways of the modern day Agri-Science Industry. Students will broaden their principles of LIFE through the study of new applications of science, technology, horticulture, agricultural math, natural resources, and the environment we live in. Students will participate in a number of indoor and outdoor activities that will emphasize the vast field of Horticulture and Agriculture.

STE330 THE SCIENCE OF FOOD 1 CREDIT

This class will develop and strengthen students' understanding of how foods are grown, produced, harvested, prepared and preserved. The course will incorporate classroom learning and hands-on kitchen and land-lab experience. Students will

apply what they learn about food to develop a healthy lifestyle.

STE630 FORENSIC SCIENCE 1 CREDIT

Forensic science is designed for those students who have an interest in crime scene investigation. Topics of study include the history and evolution of evidence processing, rights of search and seizure, hair evidence, fingerprints, blood typing and spatter, DNA evidence, and crime scene reconstruction. Students will use higher-level thinking skills to piece together data collected from lab experiments in order to form logical conclusions about the origin of evidence. Science literacy will be enhanced by using the textbook, scientific articles and data collected from hands-on lab activities to make logical inferences. Students will determine the meaning of symbols and other domain-specific words as they are used in a specific technical context, and work to determine the central ideas or text as they paraphrase in simpler but still accurate terms. Students will integrate and evaluate multiple sources of information presented in diverse formats and media in order to address a question or solve a problem. Grades are based on topic assignments, classwork, projects, class notebooks, laboratory write-ups, quizzes and exams.

Social Studies

SOC100 GLOBAL STUDIES I 1 CREDIT

This course will focus on the study of Europe, Africa, South Asia, East Asia, Southeast Asia, the Middle East and Latin America. World civilizations will be studied from 4000 BC to 1750, and will be developed around the geographic/historic setting, the dynamics of change, contemporary nations and cultures, economic development, and its place within a global context.

SOC200 GLOBAL STUDIES II 1 CREDIT

This course will focus on the study of Europe, Africa, South Asia, East Asia, Southeast Asia, the Middle East and Latin America. World civilizations will be studied from 1750 to the present, and will be developed around the geographic/

historic setting, the dynamics of change, contemporary nations and cultures, economic development, and its place within a global context. The course concludes with the NYS Global History and Geography Regents exam.

SOC299 COLLEGE GLOBAL STUDIES II • 1 CREDIT

This college level course examines the political, social, economic and intellectual development of Western society from 1500 CE to the present. Explores how modern historical and cultural issues shaped the development of contemporary western thought and institutions. Emphasizes developing and implementing the skills of the historian. The course concludes with the NYS Global History and Geography Regents exam. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

SOC330 US HISTORY & GOVERNMENT • 1 CREDIT

United States History is a 20-week chronologically organized course. The emphasis in this course is on the United States as an industrial nation. Constitution and legal issues are developed as well as issues of international and current events. This course is required for graduation.

SOC431 ECONOMICS & GOVERNMENT • 1 CREDIT

This course emphasizes the interaction between citizens and government at all levels: local, state, and federal. Student participation in the process of government is required. This course will also focus on economics and economic decision making. This course includes basic concepts and understandings which all persons need to function effectively and intelligently as citizens and participants in the economy of the United States and the world. Current issues relating to economics are also examined in the classroom. **This course is required for Graduation.**

SOC530 COLLEGE WESTERN TRADITIONS • 1 CREDIT (6 GCC CREDITS - HIS 104 & HIS 105)

This course is a 20-week study equivalent to the demands and format of an introductory college course. In this course, students ex-

amine the political, social, economic and intellectual development of Western society from antiquity to the present. Students explore the ways that ancient, classical and medieval societies (as well as modern historical and cultural issues) have shaped the development of contemporary Western thought and institutions. Students develop and use the same skills, practices and methods employed by historians analyzing primary and secondary sources; developing historical arguments; making comparisons; and reasoning about contextualization, causation and continuity/change over time. By registering with GCC, students who achieve a 70 or higher in the course can receive college credit. **This course cannot be used in lieu of Global Studies I or II.**

SOC650 COLLEGE AMERICAN HISTORY • 1 CREDIT (3 GCC CREDITS)

This course is a 20 week survey study equivalent to the demands of an introductory college course in United States history. Emphasis is on the colonial period to the present; in-depth consideration by means of chronological or topical approach or a combination of the two; and political, social and economic and cultural treatment of the period. The students will use and analyze primary sources, including documentary material, maps, statistical tables and pictorial and graphic evidence to study historical events. The students will take notes from both printed material and lectures or discussions. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

APCAMH AP AMERICAN HISTORY 1 CREDIT (3 GCC CREDITS)

This course is a survey study equivalent to the demands of an introductory college course in United States history. Emphasis is on the colonial period to present; in-depth consideration by means of chronological or topical approach or a combination of the two; and political, social, economical and cultural treatment of the period. The student will use and analyze primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence to study historical events. The students will take notes from both printed materials and lectures or discussions. An AP Exam fee is required. By registering

with GCC, students who achieve a 70 or higher in the course can receive three college credits.

SOC999 COMMUNITY SERVICE 1/2 CREDIT

All students must complete a minimum of 30 hours of Community Service before they are eligible to graduate. This program gives students the chance to contribute to their community and to learn that by helping others they will help themselves. Students will have a wide range of placement opportunities including involvement with community agencies. They may volunteer for any non-profit charitable organization (e.g., churches, nursing homes, food banks). There is a list available in the Guidance Office. Specific opportunities are listed on morning announcements, school bulletin boards, and the school monitors.

Health & Physical Education

HEA320 HEALTH • 1 CREDIT

Health is a NYS requirement to graduate. It is recommended that it be taken during the junior or senior year. Students will be introduced to the core concepts of health education according to the NYS standards and our district's curriculum. Health and wellness is promoted at an age appropriate level in order to best prepare students for life after high school in relationship to the topics: stress management, nutrition, goal setting, communication skills, mental health, substance abuse prevention, sexuality and family life, disease prevention, decision making, risk reduction, fitness, self-assessment, self-management, analyzing influences and health advocacy. Students will be responsible for completion of projects, self-assessments, journal writing, and graded assignments. This is a discussion based class on how teenagers make healthy decisions, reduce their health risks and promote/maintain a healthy lifestyle into adulthood.

PHE101/2/3 PHYSICAL EDUCATION • 1/2 CREDIT

Physical education will develop advanced skills and strategies for team sports, individual/dual sports, and lifetime activities.

Students will have an opportunity to select (based on seniority) from the following units: flag football, soccer, softball, basketball, volleyball, speedball, ultimate Frisbee, biking, ropes course, golf, bowling, kayaking, tennis, self-defense, aerobics, snow-shoeing, "picnic" games, broomball, team handball, cooperative games, pickle-ball, racquetball, badminton, table tennis, and orienteering. Emphasis will be on improving the fitness level and knowledge of each student by having him/her attend the community fitness center, participate in sport play, physical fitness testing, and daily physical conditioning.

Languages Other Than English

SPN130 SPANISH I • 1 CREDIT

This course introduces the student to the basic reading, writing, listening, and speaking skills of the language through memorization of vocabulary, structure patterns and conversational material. The student's mastery of these skills will be tested orally in class almost daily and with at least two written quizzes per week. Upon completion of each unit, an exam or project will be given. The focus will be on the study of geography and cultures of Spanish speaking countries.

SPN230 SPANISH II • 1 CREDIT

This course offers a continuation of study in the structure of the language with increased usage of the spoken language in class. Students should expect a continuation of the daily drill, weekly quizzes, projects, and unit exams to which they became accustomed in Spanish I.

SPN330 SPANISH III • 1 CREDIT

Emphasis is placed upon the practical application of the listening, speaking, reading and writing skills developed in the first two years of study. The student should expect a continuation of the daily oral drills, weekly quizzes, and unit exams. The comprehensive Regents exam given in January or June will require the student to listen, to read, to speak and write grammatically correct Spanish sentences.

SPN430 COLLEGE SPANISH I (College level course)

1 CREDIT (6 GCC CREDITS)

This course has an emphasis on culture and on conversation. All grammar learned to date will be reviewed and more advanced concepts will be added. Literature and cultural materials will be used for discussion in class. More advanced stories will be read and discussed in class. By registering with GCC, students who achieve a 70 or higher in the course can receive six college credits.

Genesee Community College Courses

COLPSY GENERAL PSYCHOLOGY (3 GCC CREDITS)

This course introduces scientific study of human and animal behavior. Topics include basic methodology, motivation, emotion, learning, memory, human development, personality, psychological disorders and therapy. The course meets two days per week at the Orleans GCC Campus. Students who enroll are required to pay a GCC fee. Students will have an opportunity to earn 3 GCC credits.

COLSOC INTRODUCTORY SOCIOLOGY (3 GCC CREDITS)

This course studies social patterns affecting the structure and functioning of group life such as cultural values, deviance, class structure and social change. It examines methods and perspectives sociologists employ and the ways group forces influence the individual in society. The course meets two days per week at the Orleans GCC Campus. Students who enroll are required to pay a GCC fee. Students will have an opportunity to earn 3 GCC credits.

SEE YOUR COUNSELOR FOR OTHER COLLEGE COURSE OPPORTUNITIES.

Art

ART120 STUDIO ART

1 CREDIT

This course offers a semester long

introduction to the nature, function and techniques of the visual arts. Studio Art is a fundamental course introducing the elements and principles of art and design. This course includes work in a variety of media such as drawing, painting and art appreciation. In addition to the actual creative process, students should be able to demonstrate an understanding of aesthetic judgment combined with reading, writing and vocabulary skills in order to apply them successfully to works of art.

ART220 DRAWING • 1 CREDIT

This course is an exploration of the various materials and techniques associated with drawing. Students will study and experiment with a variety of papers where they will react to the various pencil and eraser techniques being taught. A wide range of subject matter will be explored such as still life, landscapes, figures, and portraits. Emphasis will be placed on drawing from direct observation with a combination of literacy skills including reading, writing and vocabulary applicable to determining, analyzing, translating, assessing, comparing and comprehending visual relationships.

ART 320 PAINTING • 1 CREDIT

Students will explore a variety of painting media and techniques. Also incorporated will be a study of color theory and various artists and their styles. Media will include: watercolor, tempera, acrylic and ink, on various papers and canvas. An emphasis will be placed on developing brush stroke and technique vocabulary. Foundational skills regarding critical analysis of aesthetic works regarding painters and paintings will be practiced.

ART510 COLLEGE DRAWING 1 CREDIT (3 GCC CREDITS)

This course builds on basic drawing skills and focuses on observational drawing and the development of an artistic imagination. This course explores various media, techniques, and compositional elements with special emphasis on portrait and life drawing. A working sketchbook is expected, as well as a strong focus on the elements and principles of art. Drawing I should be successfully completed first. By registering with GCC, students who successfully complete this course can receive three college credits.

ART700 POTTERY • 1 CREDIT

This course covers the study of ceramics including wheel and hand built pieces, clay preparation, glazing and firing. Functional as well as sculptural applications will be explored. Students will reflect on, interpret and evaluate works of art both historical and contemporary, using the language of art criticism. Students will analyze the visual characteristics of the art form and explain the social and cultural aspects through subject specific vocabulary and concepts. (Preference is for seniors and juniors based upon limited number of sections).

ART721 DIGITAL PHOTOGRAPHY 1 CREDIT

This is a survey course in the basic concepts of photography. Students will learn the basic fundamentals of camera operation, visual composition, digital manipulation and computer generation. The emphasis, first and foremost, will be placed on learning photography as a medium for creative expression. Technical procedures taught in the course will be vehicles for creating artistic, well-composed photographs. Students will reflect on, interpret and evaluate historical and contemporary photography, using the language of art criticism. Students will analyze the visual characteristics of photography using subject specific vocabulary and concepts. Students may provide a digital camera or borrow one provided by the district. (Preference is for seniors and juniors).

TCH320 CAD 1 1 CREDIT (3 GCC CREDITS)

This course is designed to encourage visual problem-solving using a common graphic language to describe forms in the man-made environment. To enable students to analyze, creatively design and critically evaluate these objects, the course requires research for historical precedents, cultural references and future visions. This course will also fulfill the art/music requirement. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

MUS120 INTRODUCTION TO MUSIC HISTORY • 1 CREDIT

This course is good for band or chorus students who have an extra interest in music, and desire to gain a deeper understanding of music history. It would be extremely beneficial for those planning to study music at the collegiate level. It includes a history of vocal and instrumental music, some very basic music theory (as it relates to different historical periods), the science of sound (as it relates to the development of new instruments and voicings), and careers in music (which coincides with the study of the evolution of music as a vocation). Students will be involved in composing, using basic notational skills in relation to these activities, and listening to music of many styles and musical periods. This class generally covers the history of western (hemisphere) music from prehistoric man to modern times. There is a great deal of listening and discussion regarding the compositions, instrumentation and composers relative to their periods in music history. Music periods covered include: prehistoric, ancient man, middle ages, early church, renaissance, baroque, classical, romantic, post-romantic and twentieth century. Major composers examined include Palestrina, Bach, Vivaldi, Handel, Haydn, Mozart, Beethoven, Chopin, Tchaichovsky, and Wagner, among others.

MUS220 MUSIC THEORY I 1/2 CREDIT

This is a 10 week course designed for those students who intend to use music as a sequence. Subject material includes: sight singing, ear training, diction, scales, intervals, rhythm and meter, key signature, triads, transposing and composition. **This course must be taken in conjunction with Introduction to Musical Theatre.**

MUS240 INTRODUCTION TO MUSICAL THEATRE • 1/2 CREDIT

This course is designed for students who want to meet the requirements for the Arts credit. Introduction to Musical Theatre is a 10 week course and must be taken in conjunction with Beginning Music Theory. Subject material includes a history of musical theatre and the development of various theatrical styles. Students will read scripts, design

sets, create costume designs, and develop an original musical script. **This course must be taken in conjunction with Beginning Music Theory.**

MUS320 CHOIR • 1 CREDIT

This elective is a choral group which blends the curricular and extra-curricular aspects of the Albion Vocal Music Program. Rehearsals include: vocal technique development, sight reading and sight singing skills, aural training and ensemble etiquette. Rehearsals are combined with a rotating lesson schedule to meet state and local requirements for an academic music program. Group and/or solo voice lessons require the students to be on time without being reminded and to bring their music and other needed materials to each lesson. All choir members are required to participate in all scheduled concerts and performances throughout the year. Participation in choir also provides students access to the New York State School Music Association (NYSSMA) activities including Spring Solo Festival, Area All-State Music Festivals and Conference All-State Music Festival. Members of the choir are also eligible to participate in the Orleans County Music Educators Association (OCMEA) Solo Festival and All-County Music Festival. A variety of musical styles including classical, pop and Broadway are performed each year.

MUS520 CONCERT BAND 1 CREDIT

Traditionally, concert band encompasses the curricular aspect of the Albion Instrumental Program. Scheduled classroom rehearsals are combined with a rotating lesson schedule to meet state and local requirements for an academic music program. Enrolled students are required to participate in both full-ensemble rehearsals and band lessons, which are considered the instrument-specific lab portion of the course. Woodwind students need to have their instrument in good working condition and should have a minimum of 2 good working reeds at all times. Brass players need to have their instrument in excellent working condition including all slides moving. Percussion students should have their own sticks and mallets, as specified by the teacher. Students are required to participate in all scheduled concerts and performances through-

out the year. The New York State School Music Association (NYSSMA) activities are also available through membership in the band. Such activities include Spring Solo Festival, Area-All State Music Festivals and the Conference All State Music Festival. Members of the band program are also eligible to be considered for membership in the Orleans County Music Educators Association All-County Music Band. Additionally, all concert band students are highly encouraged to participate in extra-curricular instrumental groups, such as Marching Band, Jazz Ensemble, Instrumental Chamber Ensembles, and Pit Orchestra, as such opportunities arise.

Concert dress consists of a black shirt, black dress slacks and black socks and shoes. (Ladies, who would prefer, may wear a black blouse/skirt combination or dress, with black stockings and black shoes.)

Students new to the band program must meet with the band director prior to placement in the class to discuss the necessary prerequisite skills.

Occupational Education

HCS120 INTRODUCTION TO CAREER & TECHNICAL EDUCATION (CTE) • 1 CREDIT

This course is designed to meet the mandated requirements for CTE majors. This course will introduce students to the realities of the “working world,” providing them with information and experience which will help them make the correct decisions concerning work. Students will learn skills in the areas of management, decision-making, money management and critical thinking in order to become a more responsible student, worker and citizen. Students will explore all areas and their future options in CTE.

HCS430 WORKPLACE INTERNSHIP • 1 CREDIT

The Albion Central School District, in partnership with the local business community, has developed a program that offers high school students an opportunity to gain experience in the area of their career interest while also learning the

critical skills for life-long learning that will help them in whatever path they choose to take following graduation. Internships are unpaid. They are generally offered to Albion High School juniors or seniors in either the fall or spring semester for one block each day, although other options are possible to best meet the needs of an individual student. Participants provide their own transportation (if needed). While completing their internships, students are expected to maintain a portfolio of their experiences which includes a weekly log sheet indicating the hours they worked. A visual highlighting what they learned, as well as a written self-reflection at the midterm and course conclusion, are also required of all participants.

Agriculture

STE220 AGRICULTURAL SCIENCE • 1 CREDIT

This course will address the multi-level pathways of the modern day Agri-Science Industry. Students will broaden their principles of LIFE through the study of new applications of science, technology, horticulture, agricultural math, natural resources, and the environment we live in. Students will participate in a number of indoor and outdoor activities that will emphasize the vast field of Horticulture and Agriculture.

STE330 THE SCIENCE OF FOOD • 1 CREDIT

This class will develop and strengthen students' understanding of how foods are grown, produced, harvested, prepared and preserved. The course will incorporate both classroom learning and kitchen learning and hands-on lab experience. Students will apply what they learn about food to develop a healthy lifestyle.

STE520 VETERINARIAN SCIENCE • 1 CREDIT

Interested in being a Veterinarian, Vet Tech or just really care about animals? Then this is the class for you. In this class students will learn animal care, health, nutrition, anatomy and physiology, genetics and advancements in animal science. **(This course can be used as one math credit)**

STE600 LEADERSHIP & RESPONSIBILITY • 1 CREDIT

This course emphasizes essential leadership skills and techniques that foster personal growth and prepare students to take action as global citizens. The class will identify the eight conditions that are essential for creating individuals who are agents of change in school, within the community and beyond Albion. (Preference is for seniors and juniors).

STE620 MECHANICAL TECHNOLOGY • 1 CREDIT

This course is designed to introduce students to the world of mechanics and how they work. In this class the students will learn the science of pneumatics, welding of metals, and small engine repair. Other topics included will be structures, electricity, plumbing and general construction.

STE630 FORENSIC SCIENCE 1 CREDIT

This class is designed for those students who have an interest in criminal investigation. Students will use higher level thinking skills and laboratory skills to piece together the written data collected to form a logical conclusion in a criminal investigation.

Business

MAT420 FINANCIAL LITERACY/BUSINESS MATH • 1 CREDIT

Financial Literacy is a course in applied mathematics for business and consumer use. It is designed to increase students' skills and awareness about personal finance and investments. Personal finance topics include checking/savings accounts, stocks and bonds, mutual funds, credit, insurance, taxes, job benefits, home ownership, auto ownership, college financial, marriage and divorce, retirement and estate planning. Additionally, students will learn about business topics such as payroll, bankruptcy, depreciation, purchasing and pricing merchandise, manufacturing costs, distributing business profits and financial statements. **(This course can be used as one math credit)**

Computers

TCH320 CAD 1 • 1 CREDIT (3GCC CREDITS)

This course is designed to encourage visual problem-solving using a common graphic language to describe forms in the man-made environment. To enable students to analyze, creatively design and critically evaluate these objects, the course requires research for historical precedents, cultural references and future visions. This course will also fulfill the art/music requirement. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

TCH420 CAD II • 1 CREDIT (3 GCC CREDITS)

A continued exploration of the topics introduced in CAD I (DDP) with additional areas to be covered. Prerequisite: CAD I (DDP). By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

CMP430 COMPUTER PROGRAMMING IN PYTHON 1 CREDIT

This course will provide a gentle, yet intense, introduction to programming using Python for highly motivated students with little or no prior experience in programming. The course will focus on computer science skills through the use of programming constructs from the Python Language. Learning to program is not just for computer science majors; it is a powerful tool for any person involved in science, technology, engineering or mathematics. “Computer Programming in Python” is a hands-on programming boot camp that will teach you how to think like a programmer to solve interesting problems, learn basic game theory, and teach you how to think analytically, like a computer does. Students will work towards being college and career ready by increasing their technological literacy using online programming discussion groups, interactive daily assignments, and a formal self-guided exploration of a selected challenge. Students will conduct a sustained research project and demonstrate their understanding of the subject under investigation. Students will write routinely over the extended timeframe of the

course by developing reflective journals. Grades are based on daily assignments, quizzes, projects, journal entries, and a final project. Access to a computer outside of school is recommended but not required.

Home and Careers

HCS200 INDEPENDENT LIVING 1 CREDIT

Here is the ideal course to help students prepare for life after high school! Regardless of the path they take, all students need the critical skills covered in this course including managing and protecting finances; applying management principles to meet individual and family wants/needs in relation to food, shelter, clothing, health care and transportation; defining a personal lifestyle and making plans for attaining it while basing decisions on interests, goals, abilities and occupational choices; analyzing the connection between the economic system and consumer decisions; developing employment skills (resume writing and interviewing) as well as using information systems and

technology to meet individual and family needs.

HCS221 CHILD DEVELOPMENT 1 CREDIT

The purpose of this course is to help students recognize the many responsibilities of parenthood and to understand factors which should be considered when making a decision about entering into parenthood. All areas of growth, the pleasures and responsibilities of parenting and observation of children of all ages will be included in the course.

Technology

TCH100 COMMUNICATION SYSTEMS MST • 1 MST CREDIT

Unga! Unga! This course introduces systems used to communicate information. From stones and drums to cell phones and jump drives. Students will gain an awareness of advertising, computer graphics and careers related to communications. We will look at impacts communications have on personal, social,

environmental and economic relationships.

TCH200 MODELMAKING MST 1 MST CREDIT

This course studies the elements and principles of design as applied to commercial and residential products and builds a strong foundation for future technology courses. Topics to be discussed will include: the history and importance of models and prototypes; the elements and principles of design; scale drawings and applications; the selection of appropriate model-making materials, tools, and techniques. Students will produce many models and prototypes in areas such as commercial, industrial, and architectural fields. Some students may opt to use their models in future classes to actually build the real version of their design. (This course may be used as a technology or MST credit).

TCH230 WOODWORKING TECHNOLOGY • 1 CREDIT

This course teaches the practical applications of basic woodworking. Students will work with various kinds of wood and learn to use basic hand tools and machines including the band saw, drill press, belt sand-

er and spindle sander. This class offers exposure to design, experience in assembly and finishing of many basic wood projects. Students will also be given the opportunity to design their own projects.

TCH320 CAD I • 1 CREDIT (3 GCC CREDITS)

This course is designed to encourage visual problem-solving using a common graphic language to describe forms in the man-made environment. To enable students to analyze, creatively design and critically evaluate these objects, the course requires research for historical precedents, cultural references and future visions. This course will also fulfill the art/music requirement. By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

TCH420 CAD II • 1 CREDIT (3 GCC CREDITS)

A continued exploration of the topics introduced in CAD I (DDP) with additional areas to be covered. Prerequisite: CAD I (DDP). By registering with GCC, students who achieve a 70 or higher in the course can receive three college credits.

COURSE WORKSHEET

Local/Regents/Advanced Designation Requirements

23.5 credits required for graduation

ENGLISH (4 credits)

SOCIAL STUDIES (4 credits)

MATH (3 credits)

SCIENCE (3 credits)

MST (1 credit)

FOREIGN LANG (1 credit)

HEALTH (1 credit)

PE (2 credits)

OCCUP. ED. (1 credit)

ART/MUSIC (1 credit) **30 HRS. OF COMMUNITY SERVICE** (1/2 credit)

Regents Exams

English _____
Algebra _____
Soc. S. _____
Science _____
Add. Exam _____

Advanced Regents

Geometry _____
Trigonometry _____
2nd Science _____
Foreign Lang. _____
or 5-unit sequence:
*2nd Soc. S. _____
*3rd Science _____
*4th Math _____

Electives

Other Exam Option: _____

Note: GCC courses require payment with registration (checks payable to Genesee Community College.) AP courses require payment for exam due in early February.

*Students should work with their counselor to determine which of these options is most appropriate to complete Advanced Regents requirements.

Total number of credits: _____