

**GENEVA HIGH SCHOOL
STUDENT INFORMATION
AND
COURSE DESCRIPTION GUIDE
GRADES 9-12
2019-2020**

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GENERAL INFORMATION FOR GRADES 9-12

Geneva Area High School offers a wide variety of programs for study. Before selecting your program of study, it is necessary that you develop some specific plans concerning your future.

If you plan to go to college, your high school program should be selected from subjects which will meet the entrance requirements of the college which you plan to attend. If you plan to work in one of the skilled trades or crafts, you should consider enrollment in vocational courses taught at the Ashtabula County Technical and Career Campus (A-TECH).

Students electing any program of study may select as many courses as your time and abilities permit.

MINIMUM REQUIREMENTS FOR GRADUATION

A student must earn twenty-one (21) units of credits to graduate. These credits must include:

English	4 units
Health	½ unit
Mathematics	4 units
*Physical Education.....	½ unit
Science.....	3 units
Social Studies.....	3 units
Electives.....	6 units

*Physical Education Waiver Form if in Marching Band, Cheerleading, and/or Athletics.

All students take end-of-course exams:

- Algebra I and Geometry or Integrated Math I and II
- Biology
- American History and American Government
- English I and English II

And meet one of the following three:

1. Earn a cumulative passing score on seven end-of-course exams. The scores will be set by the State Board of Education.
2. Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th-grade students in the Class of 2018 and beyond to take the exam free of charge.
3. Earn a State Board of Education-approved, industry-recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

CRITERIA FOR THE DIPLOMA WITH HONORS

Students graduating from Geneva High will receive a diploma with honors if they meet the following criteria:

- Successfully completes the high school curriculum
- or individualized education program developed for

the student by the high school.

Meet the performance requirements established by
the State of Ohio.

The student who completes the college preparatory curriculum in high school shall meet at least seven of the following eight criteria:

- a. earn four units of English
- b. earn four units of mathematics including at least Algebra I, Geometry, and Algebra II and another higher level course. (Algebra I counts when taken in Eighth grade).
- c. earn four units of science that include physics and chemistry
- d. earn four units of social studies
- e. earn either three units of one foreign language or two units each of two foreign languages
- f. earn one unit of fine arts (art classes, music classes, drama classes)
- g. maintain an overall high school grade-point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year.
- h. obtain a composite score of 27 on the ACT or an equivalent composite score on the SAT (1210)

CAREER-TECHNICAL DIPLOMA WITH HONORS

The student who completes the vocational curriculum in high school shall meet at least seven of the following eight criteria:

- a. earn four units of English which may include one unit of applied communication
- b. earn four units of mathematics including at least Algebra I, Geometry, and Algebra II or equivalent and another higher level course. (Algebra I counts when taken in Eighth grade).
- c. earn four units of science that include two advanced sciences
- d. earn four units of social studies

- e. earn a minimum of four units in Career-Technical education. The program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit.
- f. maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year
- g. achieve the proficiency benchmark established for the appropriate Ohio-Technical Competency Assessment or the equivalent
- h. obtain a composite score of 27 on the ACT or an equivalent composite score on the SAT (1210)

SCHEDULING REQUIREMENTS

Each semester, students in grades 9-12 will be required to schedule a minimum of six (6) periods of classes out of the school day. AP lab classes will count as two (2) periods of class.

GRADE LEVEL REQUIREMENTS

To meet the minimum requirements listed in the preceding section, each student attending Geneva High School must have successfully completed the following courses by grade level:

GRADE 9

An English unit from:

ENGLISH 9

ENGLISH 9 CP

ENGLISH 9 HONORS

A math unit from:

ALGEBRA I A

ALGEBRA I

ALGEBRA I CP

GEOMETRY CP

GEOMETRY HONORS

A science unit from:

INTEGRATED SCIENCE 9

ADVANCED INTEGRATED SCIENCE 9

ENRICHED BIOLOGY

A quarter unit of:

**PHYSICAL EDUCATION

A unit of social studies:

WORLD HISTORY

At least one elective from Business/Technology, Fine Arts, Home Economics or Foreign Language.

*A total of six units are required from electives for graduation.

**Physical Education Waiver Form if in Marching Band, Cheerleading, and/or Athletics.

GRADE 10

An English unit from:

ENGLISH 10

ENGLISH 10 CP

ENGLISH 10 HONORS

A math unit from:

ALGEBRA I B

GEOMETRY

GEOMETRY CP

ALGEBRA II

ALGEBRA II CP

ALGEBRA II HONORS

A science unit from:

BIOLOGY I

ENRICHED BIOLOGY
CHEMISTRY I
ENRICHED CHEMISTRY

A social studies unit from:
AMERICAN HISTORY

A half unit of:
HEALTH

A quarter unit of:
**PHYSICAL EDUCATION

*A total of six units are required from electives for graduation.
**Physical Education Waiver Form if in Marching Band, Cheerleading, and/or Athletics.

GRADE 11

An English unit from:
ENGLISH 11
ENGLISH 11 CP
AP LANGUAGE AND COMPOSITION

A math unit from:
ALGEBRA II
ALGEBRA II CP
PRE-CALCULUS
PROBABILITY AND STATISTICS

A social studies unit from:
PRINCIPLES OF DEMOCRACY
AP U.S. HISTORY

A science unit from:

CHEMISTRY I

BIOLOGY II

ENRICHED CHEMISTRY

PHYSICS

ENVIRONMENTAL PROBLEMS

HUMAN BODY STRUCTURE

*A total of six units are required from electives for graduation.

GRADE 12

An English unit from:

ENGLISH 12

AP LITERATURE AND COMPOSITION

ENGLISH 12 CP

A math unit from:

PRE-CALCULUS

AP CALCULUS

AP STATISTICS

FINANCIAL ALGEBRA

PROBABILITY AND STATISTICS

GRANTING OF CREDIT

For a student to receive credit for a year's work in either a required or an elective subject, he/she must remain in the course for the entire year and his/her final grade average for the year must be a "D-" or better. There will be no one-half credit granted for a full-year one-credit course, except in unusual circumstances which would require the written approval of the principal. Since teachers will base the student's grade for a full-year course on the year's average, any student who withdraws from a course prior to its completion will be unable to earn any credit for that particular course. In addition, a student taking the same course twice will receive credit only one time. The higher of the two grades will be used in computing the grade-point average.

CREDIT THROUGH TUTORING

A student wishing to earn a credit through a private tutor must receive permission prior to the coursework from his/her school counselor in accordance with the high school tutoring policy. Principal's approval is required.

DEFICIENCIES IN CREDITS AND REQUIRED SUBJECTS

It is the student's responsibility to check with the school counselor to make sure that all deficiencies in credits and/or failures in required subjects are made up. Whenever possible, deficiencies should be made up in summer school. If this is not done, the failed subject will automatically be re-scheduled the following year.

THE CORE CURRICULUM

Students who plan to apply during their senior year to one of the state-assisted universities in Ohio should be aware of the importance of following "The Core Curriculum" during grades 9, 10, 11, and 12.

"The Core curriculum" consists of:

ENGLISH –English 9 CP or English 9 Honors, English 10 CP or English 10 Honors, English 11 CP or AP Language and Composition, English 12 CP or AP Literature and Composition.

MATHEMATICS – Algebra I CP, Geometry CP or Honors Geometry, Algebra II CP or Honors Algebra II, AP Statistics, Pre-Calculus, AP Calculus.

SCIENCE – Three credits from: Advanced Integrated Science, Biology I, Chemistry I, or Physics

FOREIGN LANGUAGE – Three credits from the same language are recommended by most universities. Another accepted option is two credits from one language plus two credits from another language.

SOCIAL STUDIES – World History, American History, AP History, Principles of Democracy or AP Government and Politics.

THE ARTS – One or more credit from: Marching Band, Concert Band, Jazz Band, Women's Chorale, Concert Choir, GIs, Introduction to Drama, Production of Drama, Art I, Art II, Art III, Art IV, Art, Music History, or Music Theory.

ACCELERATED PROGRAMS

Credit flexibility is designed to broaden the scope of curriculum options available to students, increase the depth of study possible for a particular subject and allow tailoring of learning time and/or conditions. These are ways in which aspects of learning can be customized around students' interests and needs.

Students may earn credit by:

1. Completing coursework;
2. Testing out of or demonstrating mastery of course content; or
3. Pursuing one or more educational options (distance learning, educational travel, independent study, internship, music, art, after-school/tutorial programs, community service or other engagement projects and sports).

Credit flexibility is intended to motivate and increase student learning by allowing:

1. Access to more learning resources, especially real-world experiences;
2. Customization around individual student needs; and
3. Use of multiple measures of learning, especially those where students demonstrate what they know and can do, apply learning or document performance.

All interested students and their parents need to contact the Guidance Department to schedule a meeting prior to a student's participation in the program.

COLLEGE CREDIT PLUS

Ohio's new College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students.

This program is open to any student who meets admission criteria of the college of his/her choice. Parents and/or students may be held responsible for the cost of failed courses or the failure to complete coursework.

A mandatory meeting will be held for all interested students and their parents to provide counseling services prior to a student's participation in the program.

Talk with your school counselor. Discuss your interest in taking college courses and how it fits in with your overall academic plan and career goals.

Prior to **February 1**, your district will provide information about the College Credit Plus program to all students in grades 7-12. If you cannot attend, schedule an appointment with your school counselor.

By **April 1**, notify your school counselor in writing if you intend to participate in College Credit Plus next year.

You and your family should contact colleges for information, application forms, and criteria for acceptance into College Credit Plus. Some materials are available from your high school counselor and at the college's website. You must go through the procedures established by the colleges/universities to apply

to College Credit Plus and to enroll in the course(s). You may have to take a college placement test and/or the ACT to make sure you are college-ready. Prior to college class attendance, your high school counselor will assist you in determining a course's equivalency to a high school course(s).

NATIONAL HONOR SOCIETY

The juniors and seniors who qualify as candidates for National Honor Society are selected on the basis of their leadership, service, character, and scholarship.

For the purposes of NHS selection, those definitions are (1) Leadership – Assumes constructive meaningful leadership in classroom, school, and community activities; promotes worthy activities and has a positive attitude. (2) Service – Puts service to others as high personal goal; gives, time, effort, talents, for class, school, and community. (3) Character – Shows highest standards of honesty and ethical principles. (4) Scholarship – pursues highest standards of research and understanding and exhibits a love of learning.

Juniors

1. Must have a cumulative GPA of 3.5 or above at the end of the fifth semester.

2. Academic Criteria

English – must have taken English 9 CP and

English 10 CP and must be enrolled in English 11 CP or AP English.

Math – must have completed both Algebra I and

Geometry and either completed Algebra II or be presently enrolled in it.

Science – must have completed a Biology and a

Chemistry and presently be enrolled in a third lab science or must already have completed three lab sciences

Social Studies – must have complete World History and American History and presently be enrolled in POD or AP History.

3. Must have completed at least 30 hours of community service.

Seniors

1. Must have a cumulative GPA of 3.5 or above at the end of the first 9 weeks grading period of the senior year.

2. Academic Criteria

a. English – must have taken English 9 CP, English 10 CP, English 11 CP, and must be enrolled in English 12 or AP English 12

b. Math and Science remain the same as for Juniors

c. Social Studies – Junior requirements plus enrollment in Principles of Democracy

3. Must have completed at least 30 hours of community service.

CLASS RANK

Class rank is computed each year beginning with the ninth grade. Each letter grade is worth the following points:

GRADE	PERCENTAGE	POINT VALUE	AP COURSES
A+	97-100	4.3	4.8
A	93-96	4.0	4.5
A-	90-92	3.7	4.2
B+	87-89	3.3	3.8
B	83-86	3.0	3.5
B-	80-82	2.7	3.2
C+	77-79	2.3	2.8
C	73-76	2.0	2.5
C-	70-72	1.7	2.2
D+	67-69	1.3	No weight given
D	63-66	1.0	No weight given
D-	60-63	0.7	No weight given

F 59-0 0 No weight given

with the exception of the AP courses in which .5 point extra is added when the grade point average is calculated. Grade point average is determined by dividing the total accumulation of credits earned each year into total points. The computer processed grade point average determines where each student ranks in the entire class. *Class rank calculation may begin in eighth grade if the student is participating in the accelerated program.

SCHEDULING ADJUSTMENTS

ADDING A COURSE

1. A student who wishes to add a one-year course to his/her schedule may do so only during the first three weeks of school
2. A student who wishes to add a one-semester course may do so only during the first two weeks of that semester
3. In all cases, a course can be added only if there is room in the new class, and if the student understands that he/she is responsible for making up the work missed.

DROPPING A COURSE

1. During the first ten days of school, a student may request that he/she drop a course, and if he/she will still be maintaining six periods of classes, it will be done without penalty to the student. The name of the dropped course will not appear on the student's grade report.

From the 11th day forward, any student who drops a course will receive an F for the course.

IN HARDSHIP CASES, WITHDRAWAL STATUS WILL BE DETERMINED BY THE TEACHER, THE COUNSELOR, AND THE PRINCIPAL.

PROCEDURE FOR DROPPING A COURSE

1. The student must make an appointment with the school counselor.
2. The parent must contact the counselor (466-4831, Ext. 4009) and provide written permission before the course will be dropped.
3. The counselor will process the request.
4. If a parent requests a change, it is the responsibility of the student to come into the guidance office in order to obtain his/her schedule change request form.

COMMENCEMENT CEREMONY PARTICIPATION POLICY

Only those students who have completed ALL state and local board of education requirements for graduation will be permitted to participate in the commencement ceremony.

ATHLETIC ELIGIBILITY POLICY

1. Students in grades 9-12 must maintain at least a 1.5 GPA and be passing an equivalent of 5 credits to be eligible to participate in athletic interscholastic activities. The GPA will be determined by the preceding 9 week grading period, not semester or final grades. It is the student's responsibility to maintain the equivalent of 5 or more credits each grading period.
2. Students in grades 9-12 who receive a failing grade may

participate in athletic interscholastic activities providing

they receive the minimum GPA and are passing the equivalent of 5 credits. These guidelines are approved by the Geneva

Area City School Board and the OHSAA.

3. If a student is participating in the College Credit Plus program, regardless of where or how the post-secondary course is delivered, this may impact their athletic eligibility. Please consult the athletic director regarding any concerns dealing with athletic eligibility.

NOTIFICATION OF POLICIES OF NON-DISCRIMINATION

The Geneva Area City School District hereby gives notice that it does not discriminate on the basis of race, color, national origin, sex, or handicap in the educational programs and activities operated by the district.

It is the policy of the school district that educational programs and activities are provided without regard to race, color, national origin, sex, or handicap.

No student shall be denied admission to the Geneva Area City School District or to a particular course or instructional program or otherwise discriminated against for reasons of race, color, national origin, sex, handicap, or any other basis of unlawful discrimination.

To carry out these policy statements, the person identified herein shall be responsible for compliance.

Coordinator for the Title VI (non-discrimination on the basis of race, color, or national origin), Title IX (non-discrimination on the basis of sex), and Section 504 (non-discrimination on the basis of handicap) for the Geneva Area City School District is:

Brett Horvath

Central Office

466-4831, Ext. 1155

Questions or requests for information should be directed to Mr. Horvath.

STUDENT GRIEVANCE PROCEDURES

A. This procedure tracks the procedures where the placement of

a child is being challenged in regard to race, color, national origin, sex, or handicap.

1. If a student believes that he or she has been denied admission to any class or program because of race, color, national origin, sex, or handicap, a student may request a conference at which the student's counselor, the principal and the director of curriculum shall be present. The student may bring to this conference a parent or guardian and a counselor or advocate. A verbatim record shall be kept of this conference and a written decision shall be given to the parent or guardian within three (3) days.

2. If, after this conference, the school still refuses to admit the student to the requested course, he or she may request a due process hearing before an impartial hearing officer who is not an employee of the school district. The impartial hearing officer shall be chosen from a list prepared by the State Department of Education. At this hearing, the student has the right to be accompanied by a parent or guardian and a counselor of his or her choice, to present evidence and to confront, cross examine and compel the attendance of witnesses, to a verbatim record of the hearing, and to written findings of fact and decision within three (3) days.

3. If the student is still denied admission, he or she may appeal to the State Board of Education.

4. If the student is still denied admission, he or she may

appeal the decision to the Court of Common Pleas.

B. This procedure tracks the due process which deals with the removal, suspension, or expulsion of students from school.

1. If a student believes he or she has been denied admission to any class or program because of race, color, national origin, sex, or handicap, the student may request an informal hearing with the principal.

2. The hearing shall be held as soon as practicable so that the student would not lose class time if the decision is made to admit the student.

3. The student may be accompanied by a parent, guardian, or some other concerned adult if the parent is unavailable.

4. If the principal holds the decision not to admit the student, the principal shall put the decision in writing and transmit it to the parent within twenty-four (24) hours.

5. The student may appeal the principal's decision to the Superintendent and request a hearing, which should be held as soon as practicable. At this hearing, the Superintendent or his/her designee, the student's counselor and the Director of Curriculum shall be present. The student may bring a parent or guardian and a counselor or advocate. A verbatim record shall

be made of this hearing and a written decision shall be transmitted to the parent or guardian within forty-eight (48) hours.

6. The student may appeal the Superintendent's decision to the Board of Education, or its designee, who may not be Superintendent. A verbatim record shall be kept of this hearing. The student may request the presence of any person who appeared at the hearing before the Superintendent. The Title VI, Title IX, Section 504 Coordinator must be present. The student may be represented by an attorney or other advocate. The student, or the student's representative, may present evidence and may cross examine any witnesses. The Board of Education's decision shall be in writing and shall be transmitted to the parent within three (3) days.

7. The student may appeal the Board of Education's decision to the Court of Common Pleas.

DEVIATIONS FROM FOLLOWING GUIDELINES

The next section of this guide shows the grade levels at which the courses listed must be taken. If student has special reason or need for taking a course out of the sequence shown, a written request signed by a parent, must be submitted to the counselor for

COURSE GUIDELINES AND DESCRIPTIONS

ENGLISH COURSES

ENGLISH 9	No. 100
Grade 9	Daily
36 weeks	1 credit

REQUIRED FOR ALL FRESHMEN NOT IN COLLEGE PREP

The student will study a coordinated program of grammar, literature and writing skills. Emphasis is placed on the study of syntax, semantics and the origin and early history of English. The rhetoric is concerned with purpose and organization material, writing paragraphs, writing stories and various structure patterns. Through the study of

short stories, poems, drama, the epic, and non-fiction students explore in-depth subjects, forms and points of view.

ENGLISH 9 CP	No. 101
Grade 9	Daily
36 weeks	1 credit

RECOMMENDED FOR COLLEGE BOUND

A more intensified program for college-bound students will be undertaken on the literary items covered in the freshman year. The grammar, literature and writing skills will be studied more thoroughly and intensely in developing the communication skills needed in a college program. Students will read and report on out of class novels and will have summer reading assignments.

INTRODUCTION TO DRAMA	No. 105
Grades 9-12	Daily
18 weeks	½ credit

This course is designed for those students having an interest in drama and who wish to become familiar with various aspects of drama. The class is given an introduction to drama history, stage crafts, and basic acting. Students may help with school productions. They will be required to complete extra reading assignments and act before fellow classmates.

ENGLISH 10	No. 200
Grade 10	Daily
36 weeks	1 credit

PREREQUISITE: ENGLISH 9

REQUIRED OF ALL SOPHOMORES NOT IN COLLEGE PREP SECTIONS

In addition to reading different literary selections from authors, students in this class will study writing and speaking for everyday living. Students will study all types of paragraph writing as well as the fundamentals of successful oral communication.

ENGLISH 10 CP	No. 201
Grade 10	Daily
36 weeks	1 credit

PREREQUISITE: ENGLISH 9

RECOMMENDED FOR COLLEGE BOUND

Work will be done in expository, persuasive, descriptive and informative writing to enable the student to learn the basics of clear and concise writing. Also included will be selections from authors who have contributed to today's

PREREQUISITE: "B" AVERAGE – STUDENTS WISHING TO TAKE THE COURSE MUST COMPLETE AN APPLICATION AND SKILLS TEST AT THE TIME OF SCHEDULING FROM THE INSTRUCTOR

This course is a continuation of Text Production I. It is designed to allow students hands-on activities to utilize skills, knowledge developed in Text Production I as well as applicable technology. Interpersonal communication skills are utilized in the promotion of ads and sales. These skills are applied to production of a yearbook. Instruction is centered around the reading, writing and research benchmarks of the Ohio Language Arts Standards.

DEVELOPMENTAL READING	No. 108
Grades 9	Daily
18 weeks	½ credit

BY PERMISSION

This course is open to those students who are identified as reading below grade level. Activities will include extensive in class reading of fiction and non-fiction literature, as well as vocabulary building. Reading skills and activities are designed to help students pass standardized testing and become more fluent and independent readers.

SCIENCE COURSES

INTEGRATED SCIENCE 9	No. 121
Grade 9	Daily
36 weeks	1 credit

This course includes topics from physical sciences, life sciences, and earth sciences. Emphasis is placed on the process of science, problem-solving, and inquiry. Specific topics include electricity and magnetism, atoms and molecules, weather, simple organic chemistry and biochemistry, reproduction, geologic time, evolution, fission and fusion, and the solar system.

ADVANCED INTEGRATED SCIENCE 9	No. 122
Grade 9	Daily
36 weeks	1 credit

This course includes the same topics from physical sciences, life sciences, and earth sciences as Integrated Science 9. Each unit is supplemented with enrichment activities and content and there is a greater emphasis on using mathematics to understand science.

ENRICHED BIOLOGY	No. 123
Grades 9-10	Daily
36 weeks	1 credit

REQUIRED: FOR FRESHMEN, "B" AVERAGE OR HIGHER IN ADVANCED INTEGRATED SCIENCE 9 AND A 3 OR HIGHER ON THE 8th GRADE STATE TEST. FOR ALL OTHER STUDENTS, "B" AVERAGE IN ALL PREVIOUS SCIENCE COURSES.

This is a laboratory course intended for students who plan further work in the fields of natural science. Students will spend 5 class periods per week preparing for the course work in addition to a minimum of 2 hours per week outside of the classroom. The course includes a study of the following topics in depth: plant and animal cells, sexual and asexual reproduction, genetics, genetic disorders, and units in the five biological kingdoms. Dissections will also be included. Project work will be required during each 9 weeks grading period.

BIOLOGY I	No. 221
Grades 9-11	Daily
36 weeks	1 credit

RECOMMENDATION: "C" AVERAGE IN ACCELERATED SCIENCE 8 AND A 3 OR HIGHER ON THE 8th GRADE STATE TEST. A "C" AVERAGE IN INTEGRATED SCIENCE 9.

This is a laboratory course that meets an average of 5 class periods per week. It is intended for the student who has an interest in plant and animal science. The course includes a study of biological concepts including: the cell, sexual and asexual reproduction in both lower and higher organisms, an introduction to genetics, the scientific theory of natural selection, units of study for each of the five biological kingdoms (Animalia, Plantae, Protista, Monera, and Fungi).

The course may include several projects such as a greenhouse project, leaf or insect identification project, and/or possible a science fair project.

ENRICHED CHEMISTRY	No. 222
Grades 10-12	Daily
36 weeks	1 credit

PREREQUISITE: ENRICHED BIOLOGY and ALGEBRA II or CONCURRENTLY ENROLLED IN ALGEBRA II.

This course is for students who expect to complete the science sequence in high school. Accelerated sophomores electing enriched chemistry are encouraged to enroll in physics in grade 11 and AP science courses in grade 11-12. Juniors electing chemistry should anticipate enrolling in physics in grade 12. Major chemical theories are studied in depth. The laboratory is used to reinforce the theoretical work of the classroom. The student is expected to become familiar with the techniques involved in the use of standard laboratory equipment.

ENVIRONMENTAL PROBLEMS	No. 225
Grades 11-12	Daily
36 weeks	1 credit

RECOMMENDED: RECOMMENDED FOR NON-COLLEGE PREP OR AS AN ADDITIONAL COURSE WITH A COLLEGE PREP SCIENCE COURSE

This course will include basic environmental concepts. Specific topics will include pollution, waste management, overpopulation, food supplies, ecosystems, extinction, and acid rain, with an emphasis on problem solving activities.

PREREQUISITES: ALGEBRA II AND "C" IN CHEMISTRY OR INSTRUCTORS APPROVAL

Physics is offered for the science-oriented student. Most of the students taking physics are college bound. Topics studied include: kinematics, Newtonian mechanics, electromagnetism, energy, waves, optics, and introduction to DC circuits. Emphasis is placed on problem solving and scientific inquiry based experimentation.

AP PHYSICS	No. 8005
Grade 12	10 periods/wk
36 weeks	1 credit

PREREQUISITE: GRADE OF "B" IN GENERAL PHYSICS, SUCCESSFUL COMPLETION OF EITHER PRE CALCULUS AND/OR ALGEBRA II.

AP Physics I is an algebra-based introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); conservation of energy and linear momentum; simple harmonic motion; electrostatics; mechanical waves and sound; and DC circuits. This rigorous course has an emphasis placed on problem solving, scientific inquiry, and mathematical theory based experimentation. Students are expected to take the National AP Physics I Exam. It is highly recommended that students choosing AP Physics I should have taken or are taking concurrently, calculus. **Students are expected to take the AP Exam to earn the weighted grade.**

AP BIOLOGY	No. 8003
Grades 11-12	
10 periods/wk	
36 weeks	1 credit

PREREQUISITE: ENRICHED BIOLOGY, AND ENRICHED CHEMISTRY. COMPLETION OF PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS

This course follows the content areas listed in the latest Advanced Placement Biology syllabus. Emphasis is placed on the chemical and cellular basis of life. Other topics include scientific philosophy and methodology, reproduction, genetics, natural selection, biological diversity, plant and animal histology, mammalian anatomy and physiology, steady state functions, ecology, and science and social issues. This rigorous course is equivalent to a typical college freshman biology course. Students are expected to take the National AP Biology Exam.

AP CHEMISTRY	No. 8004
Grade 11-12	10 periods/wk
36 weeks	1 credit

PREREQUISITE: GRADE OF "B" OR BETTER IN ENRICHED CHEMISTRY AND COMPLETION OF ALGEBRA II WITH A FINAL GRADE OF "B" OR BETTER, COMPLETION OF PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS.

This rigorous course is designed to be the equivalent of a typical college freshman general chemistry course. Emphasis is placed on chemical calculations, mathematical formulation of chemical principles and advanced laboratory experience. Topics include structure of matter, kinetic theory of gases, chemical equilibria, chemical

kinetics and basic concepts of thermodynamics. **Students are expected to take the AP Exam to earn the weighted grade.**

INTRODUCTION TO FORENSIC SCIENCE No.326

Grades 9-12 Daily

18 weeks ½ credit

Introduction to Forensic Science is designed to introduce students to topics such as fingerprinting, DNA analysis, blood typing and spattering, trajectories (for ballistics as well as blood spattering), comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence. Students will learn about the careers involved with Forensic Science and will play mock roles as experts in the field to solve crimes. The students will all be given the tools to interpret data and techniques involved for both chemical and biological analysis of evidence. Lastly, students will have the opportunity to see how their prior learning fits into a real-world scenario. The goal of the course is to excite students about science, prepare our students for citizenship and advance their knowledge of science and how it fits into the world in which we live. The course is designed to motivate students to continue to explore alternate fields of science.

MATH COURSES

ALGEBRA I No. 214

Grade 9 Daily

36 weeks 1 credit

Algebra requires the ability to think abstractly. A student should be proficient in fundamentals of mathematics and should have good reading comprehension skills. It is a study that requires changes of words into mathematical symbols. Variables are substituted for unknown values. Signed numbers are used. These include whole numbers, rational numbers and irrational numbers. The succeeding course is Geometry.

ALGEBRA I CP No. 112

Grades 9 Daily

36 weeks 1 credit

PREREQUISITE: "B+" IN MATH 8

Algebra requires the ability to think abstractly. A student should be proficient in fundamentals of mathematics and should have good reading comprehension skills. It is a study that requires changes of words into mathematical symbols. Variables are substituted for unknown values. Signed numbers are used. These include whole numbers, rational numbers and irrational numbers. The succeeding course is Geometry. This class covers the same concepts as ALGEBRA I but moves at a much faster pace and more in depth.

GEOMETRY No. 215
Grades 10 Daily
36 weeks 1 credit

Geometry combines Euclid's plane and solid geometrics into a single course dealing mostly with plane geometry. This course aids the student to develop logical reasoning through abstract facts as well as through arithmetic and algebraic concepts. Mathematical properties are further developed in this course. The next course in the sequence is Algebra II.

GEOMETRY CP No. 113
Grades 9-10 Daily
36 weeks 1 credit

PREREQUISITE: "B" IN ALGEBRA I CP AND A 3 OR HIGHER ON THE STATE TEST

Geometry combines Euclid's plane and solid geometrics into a single course dealing mostly with plane geometry. This course aids the student to develop logical reasoning through abstract facts as well as through arithmetic and algebraic concepts. Mathematical properties are further developed. This class covers the same concepts as GEOMETRY I but moves at a much faster pace and more in depth. The next course in the sequence is Algebra II CP.

ALEGEBRA II No. 116
Grades 11-12 Daily
36 weeks 1 credit

PREREQUISITE: GEOMETRY

This course gives a brief review of Algebra I and proceeds with a study of functions and relations including sequences, series, linear equations and inequalities in two and three variables. Rational and irrational number systems are introduced and polynomial functions and equations are studied. This course carries through exponential and logarithmic functions. The course touches upon most of the topics that are necessary tools in science and computational fields, giving plenty of practice in problem solving. The sequential course is Pre Calculus.

ALGEBRA II CP No. 213
Grades 10-11 Daily
36 weeks 1 credit

PREREQUISITE: "B" OR BETTER IN ALGEBRA I CP AND GEOMETRY CP

This course gives a brief review of Algebra I and proceeds with a study of functions and relations including sequences, series, linear equations and inequalities in two and three variables. Rational and irrational number systems are introduced and polynomial functions and equations are studied. This course carries through exponential and logarithmic functions. The course touches upon most of the topics that are necessary tools in

The Advanced Placement course in American History is designed to provide students with the analytic skills and a factual knowledge necessary to deal critically with the problems and materials in American History. These materials will deal with social and economic themes in a chronological study from the colonial era through the events of our time. Extensive reading is required. Students will learn how to assess historical materials for their relevance and reliability. Emphasis will be placed on the students being able to present their conclusions about these materials in well-supported and persuasive essays. The course attempts to prepare students for intermediate college level history courses and for the Advanced Placement examination which is used by colleges to waive certain required courses in American History. Summer reading/classes are required for admission.

Students are expected to take the AP Exam to earn the weighted grade.

PRINCIPLES OF DEMOCRACY	No. 431
Grades 11	Daily
36 weeks	1 credit

PREREQUISITE: HUMAN AFFAIRS I & II (OR AMERICAN HISTORY) – REQUIRED FOR GRADUATION

This course is an in-depth study of the American government and the issues facing the American political system as it compares to other political systems. An end-of-the-year paper/project and twenty-five (25) hours of unpaid community service ARE REQUIRED FOR COURSE CREDIT

AP GOVERNMENT AND POLITICS	No. 432
Grade 12	Daily
36 weeks	1 credit

PREREQUISITE: "A" AVERAGE IN SOCIAL STUDIES CLASSES, RECOMMENDATION OF TEACHER AND SUBMISSION OF A 300-500 WORD WRITING SAMPLE

This course will familiarize the student with the historical development, organization, and function of the government and political system of the United States. You will become acquainted with a citizen's rights and responsibilities within the framework of representative democracy as established by the United States Constitution. Students will develop analytical thinking and writing skills as well as gain an appreciation of our country's place in world affairs through an examination of current events. Students will prepare for and will be encouraged to take the United States Government and Politics Advanced Placement Exam in May. **Students are expected to take the AP Exam to earn the weighted grade.**

WORLD GEOGRAPHY	No.235
Grade 10-12	Daily
18 weeks	1/2 credit

This is a semester course that will examine environmental factors such as climate, topography, and natural resources throughout the world. It also explores population distribution and growth along with the effect on the world's population. The study of varied customs and cultural characteristics of world societies, as well as productivity and consumption of natural resources on a global scale are also main aspects of this class. Students will use maps, graphs, and charts to interpret as well as demonstrate knowledge of political boundaries and related population data. The class will also examine the impact of humans on global resource distribution and the overall environment.

Stress is placed on increasing the listening comprehension, reading, writing and conversational ability of students. In addition to the tenses learned in Spanish I, the imperfect, preterit, and the commands will be taught. Some culture will be introduced also.

SPANISH III	No. 357
Grades 11-12	Daily
36 weeks	1 credit

PREREQUISITE: A "C" AVERAGE IN SPANISH II

The student will review all the verb tenses and vocabulary from Spanish I and Spanish II. The preterit, imperfect present perfect, past perfect, and past progressive tenses will be taught. An emphasis will be placed on Spanish and Latin American geography, history and culture.

SPANISH IV	No. 457
Grade 12	Daily
36 weeks	1 credit

PREREQUISITE: A "C" AVERAGE IN SPANISH III

The students will review all the grammar, verb tenses and vocabulary taught before. The subjunctive tense will be taught also. The study of Spanish and Latin American literature will be stressed. Reports may be required on these countries. Short stories in Spanish will also read and comprehensive tests will be given on each chapter. Oral presentation in the target language is required.

HEALTH & PHYS. ED COURSES

*PHYSICAL ED.	No 141
Grade 9-10	Daily
18 weeks	¼ credit

REQUIRED FOR GRADUATION

This program for freshmen and sophomores is designed to provide as many different sports activities and skills as possible to enable the participant to select a physical activity for recreations in daily living. Emphasis is placed upon physical activity and health and safety rules. Sixty class hours of participation are required for credit.

*Physical Education Waiver Form if in Marching Band, Cheerleading, and/or Athletics.

HEALTH 10	No. 243
Grade 10	Daily

18 weeks

¼ credit

REQUIRED FOR GRADUATION

This course is a survey of the many health issues in our society. The main focus is the many health issues that put today's teens at high risk. The units included cover topics on wellness, mental health, suicide prevention, the epidemics of teenage pregnancy and sexually transmitted diseases, tobacco, alcohol and drug use and abuse, and nutrition. Also included in the study will be the leading causes of death in Americans – cardiovascular disease, cancer and diabetes. In addition, the students learn a certain amount of human anatomy and health concepts being taught, as well as the awareness of the medical field and services rendered by public and private health agencies.

ART COURSES

ART I (VISUAL ARTS)

No. 146

Grades 9-12

Daily

36 weeks

1 credit

Materials Cost: \$5.00

In this course, the student will learn to draw and shade. Students will also paint numerous projects as well as work with clay. Units on aesthetics, criticism, and art history are included with the studio work. The art of the Renaissance is examined as part of the course.

ART II (DESIGN)

No. 246

Grades 10-12

Daily

36 weeks

1 credit

Material Cost: \$15.00

PREREQUISITE: MINIMUM OF "C" IN ART I

Art II concentrates on improving existing drawing and design skills while introducing new media. Students work with water color, tempera, and acrylic paint as well as clay.

ART III (DRAWING & PAINTING)

No. 346

Grades 11-12

Daily

36 weeks

1 credit

Materials Cost: \$20.00

PREREQUISITE: "C" AVERAGE IN ART II

Advanced drawing, painting, and block printing are all in Art III. Each student will create a 30" x 30" acrylic painting. The study of the development of many of the major styles in modern art is part of the course.

ART IV (SCULPTURE) No. 446
Grade 12 Daily
36 weeks 1 credit

Materials Cost: \$20.00

PREREQUISITE: "C" AVERAGE IN ART III

This course includes advanced sculpture-clay, wax, paper mache, balsa wood, craft straws, stone, wire, etc. In the last quarter, the seniors create an individual program for themselves emphasizing interests based on four years of art classes. The study of the development of many of the major styles in modern art is part of the course along with a unit on architecture.

BUSINESS AND TECHNOLOGY

COMPUTER APPLICATIONS No. 151
Grades 9-12 Daily
36 weeks 1 credit

This course teaches the basic computer skills by using both MS Office and Google suites exploring word processing, spreadsheet, database, presentation, and publishing software. Students will learn how to format text and graphics in documents, reports, tables, letters, charts, and graphs. In addition, students will learn to use an on-line catalog and to develop Internet research techniques. This course provides the computer skills necessary to succeed in high school, college and other career paths.

GENERAL BUSINESS No. 153
Grades 9-12 Daily
36 weeks 1 credit

General Business is an introductory course in business vocabulary and procedures. This course covers a range of topics, such as types of businesses, income taxes, travel and communications, labor and management, and general economic sources.

ACCOUNTING No. 252
Grades 10-12 Daily
36 weeks 1 credit

Accounting develops an understanding of the GAAP-generally accepted accounting principles. The course will cover the accounting procedure for a fiscal period, develop financial records, and develop an understanding and procedure for completing payroll.

BUSINESS APPLICATION No. 253

PREREQUISITE: "B" AVERAGE OR BETTER – STUDENTS MUST COMPLETE AN APPLICATION AND SKILL TEST WITH THE INSTRUCTOR AT THE TIME OF SCHEDULING.

Students will participate in and learn the fundamentals of electronic communications and develop advanced public speaking skills. This course emphasizes preparation and presentation of the morning announcements and "special features" to be presented through the school media center. Students learn to develop, edit & prepare, and deliver presentations that effectively convey information. Approximately half of the course time will be spent learning about the equipment and communication techniques. This will be done through lectures, discussions, text study, and demonstrations. The balance of the time will be lab-type work devoted to camera techniques, sound lighting, and other electronic communications. The student may be asked to utilize skills learned in writing, speech, art, science, and math.

WORK AND FAMILY LIVING

LIFE PLANNING	No.365
Grades 9-10	Daily
18 weeks	½ credit

Be ready to begin life on your own when you graduate. Review values and resources that support your life goals, time and stress management, decision making skills, multi-cultural awareness, environmentally healthy practices, resisting peer pressure and resolving personal and workplace conflicts, and maintaining healthy relationships. Learn coping and resilience skills. Develop responsible citizenship qualities. Update your career plan. Practice job search skills. Develop strategies to handle career and workplace issues. Identify systems that will help sustain a healthy, productive lifestyle.

CHILD DEVELOPMENT	No. 367
Grades 9-12	Daily
18 weeks	½ credit

Improve your chances for becoming a successful parent. Learn about the qualities and skills you need to become a nurturing caregiver. Understand how to prepare for prenatal, birth, and infant care. Compare theories and research of child growth and development. Evaluate healthy buildings, home as well as public facilities

INTRODUCTION TO FOODS	No.369
Grades 9-12	Daily
18 weeks	½ credit

This course is designed to stimulate interest and motivate learning in understanding responsibilities that each person has for healthy food choices. The food laboratory will provide an ideal setting for developing safe food handling and kitchen practices that sustain the environment when preparing foods for a healthy lifestyle.

CULINARY SKILLS	No. 370
Grades 10-12	Daily

18 weeks ½ credit

PREREQUISITE: INTRODUCTION TO FOODS

Students will explore creative ways to further develop the food and nutrition skills they have gained from Introduction to Foods. The class will investigate various habits to handle changing lifestyles that are influenced by diet, food preparations, and different cultures.

CREATIVE CUISINE No. 371

Grades 10-12 Daily

18 weeks ½ credit

PREREQUISITE: CULINARY SKILLS

Students will explore creative ways to further develop the food and nutrition skills they have gained from Culinary Skills. The class will investigate various habits to handle changing lifestyles that are influenced by diet, food preparations, and different cultures.

INDUSTRIAL TECHNOLOGIES COURSES

WOODWORKING DESIGN & PRODUCTION No. 160

Grades 9-12 Daily

18 weeks ½ credit

The purpose of this course is to allow students to gain knowledge of technology, hands-on skills, and machine operation to produce a product or project from start to finish.

Students will use skills such as blueprint reading along with designing their own projects. Students will learn the importance of correct measuring and the use of fractions in planning and completing projects. In the production phase of the class, students will learn to safely use a variety of tools to produce projects in a safe manner with quality and accuracy being a major focus.

ADVANCED WOODWORKING

DESIGN & PRODUCTION No.1000

Grades 9-12 Daily

18 weeks ½ credit

PREREQUISITE: "C" AVERAGE OR BETTER IN WOODWORKING DESIGN AND PRODUCTION

This course is designed to give students a better understanding of technology and its resources. Students will improve on skills previously learned in Woodworking Design and Production I. Students will also gain a better understanding of materials and processes used throughout the course. Students will incorporate new ideas about design and the building process into their previous experiences. Students should display a progression in detail as they advance through this course.

HOME MAINTENANCE & DESIGN No. 162

Grades 9-12 Daily

18 weeks ½ credit

The purpose of this class is to introduce students to the basic

design process used in planning a home. It will also teach

students the skills, procedures, tools, and machines used to maintain and fix a home and its basic systems. These systems include residential wiring, plumbing, drywall, tile, and basic construction techniques. The students will learn about and develop their life-long skills through exercises, projects and hands-on activities.

ADVANCED HOME MAINTENANCE AND

DESIGN No.1005

Grades 9-12 Daily

18 weeks ½ credit

PREREQUISITE: "C" AVERAGE OR BETTER IN HOME MAINTENANCE AND DESIGN

In the advanced Home Maintenance and Design, students will build on skills and experiences acquired in Home Maintenance and Design and apply them to other aspects of the construction and maintenance of the home. Students will improve on existing skills and learn new skills through hands-on activities and research of given topics. The course research and experiences are designed to create life long learning skills in the student.

CAD I No. 164

Grades 9-12 Daily

18 weeks ½ credit

The purpose of this class is to expose students to drafting by using CAD (computer aided drafting) software. Students will become familiar with drafting elements such as geometric construction, orthographic projections, dimensioning, isometric views and auxiliary views by use of computers. Students will start off with a series of simple drawings to get them familiar with using the software and then will progress to more difficult drawings throughout the course. Students will have a final project using CAD software to draw up an object and then will build what they have drawn.

CAD II No. 264

Grades 9-12 Daily

18 weeks ½ credit

The purpose of this class is to advance students using CAD (computer aided drafting) software. Students will continue working with drafting elements such as geometric construction, orthographic projections, dimensioning, isometric views and auxiliary views by use of computers and 3d Printers. Students will have a final project using CAD software to draw up an object and then will build what they have drawn

*MUSIC COURSES

*MEN'S CHORUS No. 172
Grades 9-12 Daily
36 weeks 1 credit

REQUIREMENT: ATTEND ALL REHEARSALS AND PERFORMANCES

Men's chorus consists of mostly freshmen and sophomore boys, but is also open to juniors and seniors. This large vocal ensemble is designed to give special attention to developing young male voice into a mature and versatile instrument. The Men's Chorus will culture vocal technique, music reading, concepts, and develop skills in working together as a group to create a quality artistic product. A variety of music will be studied ranging from popular, folk, and classical (sacred and secular) choral literature. The ensemble performs several times a year for the Geneva community and also participates in festivals and/or contests with other schools from throughout northeast Ohio.

*WOMEN'S CHORALE No. 178
Grades 9-12 Daily
36 weeks 1 credit

REQUIREMENT: ATTEND ALL REHEARSALS AND PERFORMANCES

Women's Chorale consists of mostly freshmen and sophomore girls, but is also open to juniors and seniors. This large vocal ensemble is designed to give special attention to developing young female voice into a mature and versatile instrument. The Women's Chorale will culture vocal technique, music reading, concepts, and develop skills in working together as a group to create a quality artistic product. A variety of music will be studied ranging from popular, folk, and classical (sacred and secular) choral literature. The ensemble performs several times a year for the Geneva community and also participates in festivals and/or contests with other schools from throughout northeast Ohio.

*MARCHING BAND No. 173
Grades 9-12 Daily
15 weeks – Fall ½ credit

REQUIREMENTS: ATTENDANCE AT SUMMER REHEARSALS, PRE-BAND CAMP, BAND CAMP, AFTER SCHOOL REHEARSALS, AND PERFORMANCES

This course emphasizes the study and performance of the literature and street and field maneuvers for a marching band. Marching Geneva performs at all varsity football games and many other performances throughout the community. Vo-ed students may participate with prior permission of the band director.

*CONCERT BAND (S) No. 174
Grades 9-12 Daily
24 weeks – Winter – Spring ½ credit

REQUIREMENT: BAND ASSIGNMENT BY AUDITION

This course will concentrate on the study and performance of all types of musical literature for the concert band. This course is open to all students in 9-12 who have attained the musical ability to contribute to the concert band. Special emphasis is placed on public performances. This course will begin the first week following the final football game. Specific band assignment is based on playing proficiency through audition. Students not enrolled in Marching Band during the first eleven weeks must be scheduled in study hall during that time.

*JAZZ ENSEMBLE	No. 175
Grades 9-12	Daily
36 weeks	1 credit

REQUIREMENT: ENROLLMENT IN MARCHING BAND OR CONCERT BAND AND AUDITION

This course is open to students desiring experience in popular music performance. In addition to contemporary styles, traditional styles are learned and performed. Special emphasis is placed on public performances at school and within the community and county areas.

*CONCERT CHOIR	No. 378
	No. 372
Grades 11-12	Daily
36 weeks	1 credit

REQUIREMENT: ATTEND ALL REHEARSALS AND PERFORMANCES.

Concert Choir is an elective course open to all males and females in grades 11 and 12, with at least one year high school choral experience, who are interested in vocal performance and singing in a large group. Vocal training, music reading and concepts will be learned using a variety of music ranging from popular, folk and classical (sacred and secular) choral literature. The ensemble performs several times a year for the Geneva community and also participates in festivals and/or contests with other schools from throughout Northeast Ohio. This is a high level ensemble.

*GENEVA'S IMAGE	No. 273
Grades 9-12	Daily
36 weeks	1 credit

PREREQUISITE: STUDENTS MUST HAVE AT LEAST ONE YEAR'S EXPERIENCE IN A HIGH SCHOOL LEVEL MUSICAL GROUP.

REQUIREMENTS: ENROLLMENT IN A MAJOR MUSIC ENSEMBLE AND AUDITION. ATTENDANCE AT ALL REHEARSALS AND PERFORMANCES IS REQUIRED, INCLUDING SUMMER REHEARSALS.

The Geneva's Image show choir is a select performing vocal ensemble concentrating on popular music with staging and choreography. The musicians in the show choir are expected to conduct themselves as respectable members of Geneva High School. The Geneva's Image is a co-curricular group that requires a significant commitment of time

ADMISSION BY IEP/ EVALUATION TEAM

The modified curriculum in the 9th grade is a continuation of the individual prescriptive teaching of the 7th and 8th grades. The emphasis is more on practical application than on formal textbook learning. Small group instruction along with other accommodations are applied as they are prescribed through the IEP process. Differentiated instruction paired with multi-sourced materials is used in the classroom. Students are provided actual work experience within the school. Content area focus is on independent living and employability skills, as they are related to the content extended standards.

CAREER BASED INTERVENTION PROGRAM

CAREER CONECTIONS-I No. 1021

Grade 9 Daily
36 weeks 1 credit

The purpose of this course is to provide an opportunity for career exploration and academic intervention in all other classes. The ultimate goal of the Career Connections class is to increase the student’s opportunity for transition to the next grade level.

CAREER CONECTIONS – II No. 1022

Grade 10 Daily
36 weeks 1 credit

The purpose of this course is devoted to introducing students to the employment skills needed to succeed in the world of work. Academic intervention in all subject areas is also a vital part of this class.

CAREER CONECTIONS -III & IV No. 1281-1282

Grades 11-12 Daily
36 weeks 5 credits

PREREQUISITE: AGE 16 OR OLDER – APPLICATION MUST BE MADE THROUGH GUIDANCE OR A CBI COORDINATOR

The CBI program is to help students improve academic competence, graduate high school, develop employability skills and implement a career plan. This program provides a combinations of educational and work-based learning opportunities for student success. The student will attend school for half of the day and have an early release to participate in the work portion of the program. CBI offers 4 credits, one for the related class and three for the work component if the requirements are met.