Greenville High School



2026 – 2027 Registration Guide

GREENVILLE SENIOR HIGH SCHOOL

The core business of Greenville City Schools is to provide engaging work for all students every day.

WE BELIEVE:

- High expectations result in higher levels of achievement; ALL of our students and adults are capable of learning more than they are now learning.
- Our schools must prepare students to become information seekers, active problem solvers, and team players in a knowledge-based and technologically advanced society.
- Effective leaders are accountable for inventing and designing quality schoolwork to enhance the development and growth of the whole person based on the core values of our school system.
- Authentic learning results from actively participating in challenging and highly engaging work that incorporates individual learning styles.
- Strong commitment to our school district and our community as partners is essential in supporting an educationally strong, safe, and enriched learning environment for our students.
- Thoughtful and purposeful innovation that supports continuous improvement and honors valued traditions is necessary for all people and programs in the system in order to meet the future challenges our community will face.
- As a learning community, we must treat others with respect, work cooperatively, share successes, and appreciate life-long learning.

EQUAL EDUCATION OPPORTUNITIES

The Greenville School District offers equal educational opportunities without regard to race, color, national origin, gender/sex, and disability. All students of the Greenville School District will have equal education opportunities. Students have the right to be free from discrimination on the basis of race, sex, marital status, pregnancy, national origin, citizenship status, disability, criminal record, political activity, religion, creed, or opinion in all decisions affecting admissions, membership in school-sponsored organizations, clubs, or activities, access to facilities, distribution of funds, academic evaluations or any other aspect of school-sponsored activities. The Board of Education reserves the right to limit a student's participation in a school-sponsored activity for health and safety reasons. Any limitations with regard to participation in a school-sponsored activity will be based on criteria reasonably related to that specific activity.

In the event of any alleged discrimination because of race, color, national origin, gender/sex, and disability the student or professional staff person should contact the Title VI, Title IX, Coordinator for the Greenville City Schools, Memorial Hall, Fourth Street, Greenville, OH 45331, (937) 548-3185, for appropriate procedures.

INTRODUCTION

This purpose of the registration guide is to assist students, parents, and guardians make informed choices regarding the class schedule of students at Greenville High School. Select a course of study that cultivates the interests and abilities of your student, meets the graduation requirements set by the Board of Education and the State of Ohio, and to prepare your student for the next phase of their life, be it continuing their education or entering the workforce.

Please read this guide carefully. The information contain within it is extremely valuable to you when creating a class schedule. Be sure to pay close attention to the requirements of classes and to the content in each course. You should take care to make sure that you are selecting courses for which you are prepared, and you should be aware of the expectations of each class.

SCHEDULE CHANGE POLICY

After students register for classes, several important factors are studied to finalize the Master Schedule for Greenville High School. Among these factors are items such as the number of students requesting courses, the number of faculty required to offer courses requested by students, space considerations, department guidelines, the number of periods per day that need to be offered to meet the demands of the student body for classes, and, the number of books and other supplies that need to be ordered in order to offer a class.

Due to the fact that these important items are based on how many students register for each class, we cannot make schedule changes after the Master Schedule has been established. Therefore, ***any requests for schedule change initiated by students or parents must be accomplished by Friday, May 15th, 2026.*** After this date, no student or parent requested schedule changes will be considered unless it is first reviewed by the High School Principal. ***Reasons for considering changes will be limited exclusively to educationally based circumstances; schedules will not be changed to accommodate a student's desire to be in a class with another student or with a specific teacher.***

It is for this reason we strongly recommend that you put a great deal of thought and discussion into your student's schedule for next year. Choose classes for their content, and not because your student's favorite teacher is currently teaching it. Teaching assignments can change from year to year!

YOUR EDUCATION PLAN

A solid **Educational Plan** is the foundation for a student's educational future. Setting goals and having a plan for the future should be an integral part of the course selection process. Greenville High School has a broad variety of offerings in the curriculum, providing opportunities for all students regardless of interest, ability, or academic history.

The **Educational Plan** is based upon a student's academic strengths, personal interests, and career goals. At Greenville High School, we believe this process and the choices made may be the most important in a student's high school experience.

Greenville High School works diligently to create a positive and focused educational experience for each student. The faculty and staff will also assist students in developing a sound **Educational Plan** by looking at interest surveys, achievement scores, and career inventories. We ask all parents/guardians to join us in helping our students develop an educational plan with the future and career goals in mind.

THINGS TO CONSIDER BEFORE SELECTING COURSES

1. Have you thoroughly reviewed all the courses available at Greenville High School?
2. Do you know the courses you need to meet the high school graduation requirements?
3. Do you know the course requirements for the career and college of your choice?
4. Have you discussed with your guidance counselor things such as your achievements, your personal interests and abilities, and – most importantly – how these affect your potential career choices?
5. Have you considered the various recommendations and requirements in the program guidelines, career pathways and the course description of the classes in which you are interested?

ADVANCED PLACEMENT (AP) COURSES

The following Advanced Placement (AP) courses are offered by Greenville High School:

AP Calculus AP U.S. History AP Statistics

STATE AND LOCAL REQUIREMENTS FOR GRADUATION

* **Language Arts** – Four (4) credits.
* **Mathematics** – Four (4) credits, including a required one credit of Algebra II or its equivalent.
* **Social Studies** – Three (3) credits, including one credit of U.S. History, one credit of World History, and one credit of Civics.
* **Science** – Three (3) credits, including one credit of Physical Science, one credit of Biology, and one credit of advanced Science, such as Anatomy and Physiology, Chemistry, Physics, Zoology, or Earth Science.
* **Physical Education** – One Half (0.5) credit.
* **Health** – One-half (0.5) credit.
* **Financial Literacy** – One-Half (0.5) credit.
* **Fine Art** – One (1) credit. Students who complete one credit of an approved Career Technical, Workforce Development program may be exempted from this requirement.
* **Electives** – Five and a half (5.5) credits, which can include any combination of the following areas of study: Agricultural Education, Business, Career-Technical Education, Family, and Consumer Science, Foreign Language, Naval Science, Technology, or another Language Arts, Mathematics, Science, or Social Studies class not otherwise used to fulfill graduation requirements.

The Class of 2023 and beyond are bound to the new graduation requirements legislated by the state of Ohio. There are three parts to the new requirements for graduation. First, you must earn the locally defined number of credits, at Greenville High School that is twenty-two credits. Second you must demonstrate "competency." There are 4 ways that students can demonstrate competency. Students may earn a "competency" score (as defined by Ohio Department of Education) on the English II and Algebra I end-of-course exams. Students who do not earn a competency score on these tests have three options to take the place of the exams. One option is to demonstrate two career focused activities such as earning proficient scores on WebXams, earning Industry Credentials, and/or completing a pre-apprenticeship program. A second option is to enlist in the military, and the third option is to complete college coursework in math and/or English.

In addition to earning credits and demonstrating competency, students must also show their college and/or career readiness. Our students show their readiness by earning at least two diploma seals. The state created twelve seals for students to demonstrate academic, career, college, and military readiness. The following seals have been created by the state of Ohio.

OhioMeansJobs Readiness Seal
Industry-Recognized Credential Seal
Military Enlistment Seal
Science Seal
Honors Diploma Seal
Locally Community Service Seal*
Fine and Performing Arts Seal*
State Seal of Biliteracy
College-Ready Seal
Citizenship Seal
Technology Seal

Certified Student Engagement Seal*

COMPUTING HIGH SCHOOL GRADE-POINT AVERAGE AND CLASS RANK

In computing grade point average, Greenville High School uses a grading scale with the following points:

A	=	4.000	B-	=	2.667	D+	=	1.333
A-	=	3.667	C+	=	2.333	D	=	1.000
B+	=	3.333	C	=	2.000	D-	=	0.667
B	=	3.000	C-	=	1.667	F	=	0.000

HOW CLASS RANK IS DETERMINED

Cumulative Grade Point Average -- Class rank is determined per grade level based on the cumulative grade point average of all completed courses that have updated to a student's transcript. Students can share a class rank if they have the exact same cumulative grade point average. If students share the same ranking, a number would be skipped for the following student (e.g., John Doe 15th, Sarah Doe 15th, Matt Doe, 17th). Board Policy states that a student's cumulative grade point average is rounded to the one- thousands place (example 3.964) for determining class rank.

Credits -- Credits that will factor into a student's cumulative grade point average include all Greenville High School courses and any authorized coursework. Samples of authorized coursework may include Edison classes, summer school credits out of the district, credit flexibility coursework, correspondence coursework, and vocational school credits. Please see an administrator or guidance counselor to determine if coursework is authorized prior to enrolling in any outside coursework. Courses taken in the 8th grade for High School credit do not factor into the cumulative grade point average.

Valedictorian and Salutatorian -- To qualify to be class Valedictorian or Salutatorian, a student must first successfully earn an honors diploma.

1) The Valedictorian will be the student having earned the highest cumulative grade point average after having successfully completed coursework in areas mentioned above.

2) The Salutatorian will be the student having earned the second highest cumulative grade point average after having successfully completed coursework in areas mentioned above.

3) The Valedictorian and the Salutatorian will be determined following the completion of seven semesters of work.

4) If there is more than one student recognized as Valedictorian, then no student will be designated as Salutatorian.

BOARD OF EDUCATION APPROVED CRITERIA: DIPLOMA WITH HONORS for the class of 2026 and beyond

To qualify for either Honors Diploma, you must meet all but one of the following criteria. Each of these criteria go beyond the standard requirements for a diploma for the class of 2023 and beyond. Students must meet the general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Student may replace one requirement of either 4, 5, or 6 with a "Student Strength Demonstration."

An Academic Diploma with Honors can be earned by any student who meets all but one of the requirements listed below in one specific grouping:

1. **MATHEMATICS** - Four (4) credits, including Algebra I, Geometry, Algebra II, or equivalent, and another higher level course or a four-year sequence of courses that contain equivalent content
2. **SCIENCE** – Four (4) credits, including two credits of advanced science.
3. **SOCIAL STUDIES** – Four (4) credits.
4. **WORLD LANGUAGE** – Three (3) credits of one world language or no less than two credits of each of two world languages.
5. **GPA** – 3.5 or higher on a 4.0 scale
6. **ACT/SAT** – ACT score of 27 or higher, SAT score of 1280 or higher
7. **SEAL REQUIREMENT** – Students must earn two additional diploma seals beyond the required two for graduation. The Honors Diploma Seal cannot be used towards the additional two diploma seals. In total, student are required to earn four diploma seals not including an Honors Diploma Seal.
8. **EXPERIENTIAL LEARNING** – Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning. Please see the ODE website for more information on this specific requirement.

***Students can use the OMJ Readiness Seal in the two additional seals requirement if it is not used in the Experiential Learning requirement.**

*Student Strength Demonstration Replacement – Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA, or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the available Honors diplomas. Where relevant, the replacement should reflect coursework or experiences relevant to the theme of the Diploma.

Options for Student Strength Demonstration are as follows:

1. College Credit Plus – 12 total College Credit Plus credit hours
2. Advanced Placement – three courses with a score of 3 or higher on AP tests
3. Career-Technical Assurance Guide (CTAG): 12 total credits
4. Apprenticeship/Pre-Apprenticeship: Completion of program
5. WorkKeys - Score a 6 or higher on all tests (*void for Career-Tech Honors Diploma)
6. Armed Services Vocational Battery – Score a 50 or above on the ASVAB
7. Work-Based Learning – 250 total hours of work-based learning

A Career-Technical Diploma with Honors can be earned by any student who meets all but one of the criteria for an Honors Diploma listed below:

1. **MATHEMATICS** - Four (4) credits, including Algebra I, Geometry, Algebra II, or equivalent, and another higher-level course or a four-year sequence of courses that contain equivalent content
2. **CAREER-TECH COURSEWORK** – Four (4) credits of Career-Tech Courses
3. **CAREER-TECH PROFICIENCY** – Earned a cumulative score of proficient or higher on the technical assessments aligned to their program.
4. **WORLD LANGUAGES** – Two credits of one world language
5. **GPA** – 3.5 or higher on a 4.0 scale
6. **ACT/SAT/WORKKEYS** – ACT score of 27 or higher, SAT score of 1280 or higher, WorkKeys score of six or higher on all three sections of the WorkKeys assessment.

7. **INDUSTRY-RECOGNIZED SEAL OR TECHNOLOGY SEAL** – Students must meet the requirement to earn the Industry Recognized Credential Seal or the Technology Seal
8. **EXPERIENTIAL LEARNING** – Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning. Please see the ODE Website for more information on this specific requirement.

***Students can use the OMJ Readiness Seal in the two additional seals requirement if it is not used in the Experiential Learning requirement.**

*Student Strength Demonstration Replacement – Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA, or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the available Honors diplomas. Where relevant, the replacement should reflect coursework or experiences relevant to the theme of the Diploma.

Options for Student Strength Demonstration are as follows:

1. College Credit Plus – 12 total College Credit Plus credit hours
2. Advanced Placement – three courses with a score of 3 or higher on AP tests
3. Career-Technical Assurance Guide (CTAG): 12 total credits
4. Apprenticeship/Pre-Apprenticeship: Completion of program
5. WorkKeys - Score a 6 or higher on all tests (*void for Career-Tech Honors Diploma)
6. Armed Services Vocational Battery – Score a 50 or above on the ASVAB
7. Work-Based Learning – 250 total hours of work-based learning

An Art Honors Diploma can be earned by any student who meets all but one of the criteria for an Honors Diploma listed below:

1. **MATHEMATICS** - Four (4) credits, including Algebra I, Geometry, Algebra II, or equivalent, and another higher-level course or a four-year sequence of courses that contain equivalent content
2. **FINE ARTS** – Four (4) credits of Fine Arts Courses
3. **ELECTIVES** – two units of Fine Arts may overlap with general electives
4. **WORLD LANGUAGES** – Three (3) credits of one world language or no less than two credits of each of two world languages.
5. **GPA** – 3.5 or higher on a 4.0 scale
6. **ACT/SAT**– ACT score of 27 or higher, SAT score of 1280 or higher,
7. **FINE ARTS SEAL** – Students must meet the local requirement to earn the Fine Arts Seal
8. **EXPERIENTIAL LEARNING** – Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning. Please see the ODE Website for more information on this specific requirement.

***Students can use the OMJ Readiness Seal in the two additional seals requirement if it is not used in the Experiential Learning requirement.**

*Student Strength Demonstration Replacement – Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA, or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the available Honors diplomas. Where relevant, the replacement should reflect coursework or experiences relevant to the theme of the Diploma.

Options for Student Strength Demonstration are as follows:

1. College Credit Plus – 12 total College Credit Plus credit hours
2. Advanced Placement – three courses with a score of 3 or higher on AP tests
3. Career-Technical Assurance Guide (CTAG): 12 total credits
4. Apprenticeship/Pre-Apprenticeship: Completion of program
5. WorkKeys - Score a 6 or higher on all tests (*void for Career-Tech Honors Diploma)
6. Armed Services Vocational Battery – Score a 50 or above on the ASVAB
7. Work-Based Learning – 250 total hours of work-based learning

A Social Science and Civic Engagement Honors Diploma can be earned by any student who meets all but one of the criteria for an Honors Diploma listed below:

1. **MATHEMATICS** - Four (4) credits, including Algebra I, Geometry, Algebra II, or equivalent, and another higher level course or a four-year sequence of courses that contain equivalent content
2. **SOCIAL STUDIES** – Five (5) credits.
3. **WORLD LANGUAGE** – Three (3) credits of one world language or no less than two credits of each of two world languages.
4. **GPA** – 3.5 or higher on a 4.0 scale
5. **ACT/SAT** – ACT score of 27 or higher, SAT score of 1280 or higher
6. **COMMUNITY SERVICE SEAL** – Meet local district requirement to earn the Community Service Seal
7. **CITIZENSHIP SEAL** – Students must meet the requirements for the Citizenship Seal
8. **EXPERIENTIAL LEARNING** – Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning. Please see the ODE Website for more information on this specific requirement.

***Students can use the OMJ Readiness Seal in the two additional seals requirement if it is not used in the Experiential Learning requirement.**

*Student Strength Demonstration Replacement – Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA, or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the available Honors diplomas. Where relevant, the replacement should reflect coursework or experiences relevant to the theme of the Diploma.

Options for Student Strength Demonstration are as follows:

1. College Credit Plus – 12 total College Credit Plust credit hours
2. Advanced Placement – three courses with a score of 3 or higher on AP tests
3. Career-Technical Assurance Guide (CTAG): 12 total credits
4. Apprenticeship/Pre-Apprenticeship: Completion of program
5. WorkKeys - Score a 6 or higher on all tests (*void for Career-Tech Honors Diploma)
6. Armed Services Vocational Battery – Score a 50 or above on the ASVAB
7. Work-Based Learning – 250 total hours of work-based learning

ACADEMIC HONORS

Students at Greenville High School are recognized for their outstanding academic achievement. Students with a Grade Point Average between 3.0 and 3.499 are recognized as Merit Roll Students for that grade period. Students with a Grade Point Average 3.5 and 3.999 are recognized as Honor Roll Students. Students with a 4.0 Grade Point Average or higher are recognized as having earned Highest Academic Honors.

NATIONAL HONOR SOCIETY

Juniors and seniors with an accumulative average of 3.6 may be considered for membership in the National Honor Society. Students who are academically eligible will be asked to submit a one-page resume concerning their in-school and out-of-school activities and service. The faculty will be given the opportunity to rate these students in the areas of leadership, service, and character. The final selection for membership will be made by the National Honor Society Faculty Advisory Committee.

NATIONAL TECHNICAL HONOR SOCIETY

Juniors and seniors with an overall GPA of 3.0 and a 3.5 in their Career-Technical program are eligible for membership. A 95% attendance rate is required and students must belong to their Career-Technical Student Organization. Students who are academically eligible are required to obtain recommendation forms from three teachers. Final selection for membership will be made by the Greenville High School National Technical Honor Society committee.

COLLEGE CREDIT PLUS

College Credit Plus was established by the State of Ohio in order to allow high schools to offer their students college credits while still in high school. The Guidance Department will discuss available options with students and their parents prior to scheduling classes with students. Each year prior to February 1st Greenville High School will host a meeting explaining the College Credit Plus program.

JOB SHADOWING PROGRAM

Students interested in Job Shadowing should:
1) … obtain a *Guide for Job Shadowing* packet from your counselor or career technical instructor
2) … complete the Shadowing Application and return to your counselor
3) … complete the Job Shadowing Checklist and
4) … complete all required documentation in the *Guide for Job Shadowing* and return to your counselor.

CREDIT FLEXIBLITY

"Credit Flexibility" was established by the Ohio General Assembly in 2006 as part of the Ohio Core legislation, and local boards of education were required by this legislation to implement a "Credit Flexibility" program to be implemented at the start of the 2010-11 school year. Credit Flexibility allows students to earn high school credits by (A) completing a "customized course around the different needs and interests of a student; (B) "testing out" or otherwise demonstrating proficiency or mastery of course content; or, (C) some combination of (A) and (B).

Credit Flexibility encourages student self-direction and motivates students to develop skills using resources that may not be available to students through regular high school courses. Credit Flexibility allows a student to show what s/he knows and move on to content they are ready and able to learn. Credit Flexibility recognizes that, while learning experiences must be of a high quality, not all learning experiences happen in a formal classroom setting. Credit Flexibility allows students to learn subject matter and earn course credit in ways not limited to "seat time" or work within the walls of a school.

The Greenville City Schools Board of Education adopted a Credit Flexibility Policy (IGBM and IGBM-R) in January 2010. This policy and its corresponding regulations call for the creation of a local Credit Flexibility Plan. The Board policy states that "Credit Flexibility is one method to motivate and increase student learning by allowing access to more resources, customizing around individual student needs, and the use of multiple measures of learning" For more information about taking advantage of credit Flexibility opportunities, please see your high school guidance counselor.

CREDIT RECOVERY

A student who fails any Language Arts, Mathematics, Science, or Social Studies class may be assigned to a Credit Recovery class the following school year. Students in Credit Recovery utilize an on-line educational program designed to allow the student to earn credit in a class s/he has failed in a traditional classroom setting. Credit Recovery is designed to allow a student to receive credit for the information they already know or have retained, then allows the student to address those areas in which they were not successful at their own pace – both during the school day and outside the school day, at home in the evening or on the weekends.

Students who are placed in Credit Recovery classes will spend one class period per day working on completing a specific on-line class within a specific on-line discipline. Because students will find some information to be familiar to them, there will be opportunities to "test out of" some sections of the various classes offered. Students will be expected to successfully complete reasonable progress every class period, and failure to do so may result in disciplinary action.

Should a student be unwilling or unable to complete a Credit Recovery class, then the student will be expected to pay for

an alternate program, such as a summer school class, and submit that completed class for credit. Unless there are mitigating circumstances, the only way a student will be allowed to make up a Core class s/he has failed at Greenville High School is through the Credit Recovery Program.

THE GREENVILLE VIRTUAL ACADEMY

The Greenville Virtual Academy is an on-line alternative educational program operated by Greenville High School. The goal of the Greenville Virtual Academy is to provide a pathway to earning the credits needed to graduate with a diploma from Greenville High School for students who have, for whatever reason, failed to achieve success in a traditional high school setting.

The Greenville Virtual Academy pathway is usually, but not always, limited to students in their third or fourth year of high school who are facing significant barriers to graduation. Usually, but not always, this barrier is a deficit of credits. Students are selected for participation in this program by Administrators and Guidance Counselors. Upon selection, students and their parents are contacted, and the details of the program and how it might assist a student in reaching graduation are then discussed with the student and his or her parents.

Students in the Greenville Virtual Academy are not expected to have interaction with the student population of Greenville High School during the school day. They have their own entrance to their own classroom, though they may use school transportation to or from school, and can eat meals in the school cafeteria. When in the main building or at school-related events, they are expected to adhere to the rules of behavior for students, including dress code rules. Students who fail to make minimum efforts on class work, or who are consistently tardy or absent from classes, can and will be given school discipline, and those students are expected to accept and follow those disciplinary actions.

Students can refuse participation in the Greenville Virtual Academy, and they can be removed from the program at any time during the year for failing to produce work at an acceptable rate. For more details on this program, students should contact their guidance counselor or an administrator.

CAREER-TECHNICAL EDUCATION

Gone are the days of "vocational" education where students trained only for a special trade or occupation. With the onset of the 21st century, the labor market has become more specialized and more technical. Business and industry are now requiring higher levels of educational preparation and skill. As a result, vocational education evolved into a more complex "career-technical" education. The goal of career-technical education is two-fold: to prepare students for success in furthering their education and to help students become highly productive members of their career field. Career-Technical Education joins the core academic courses of math, science and English to hands-on technical courses resulting in programs that help students see the connection between their education and their career choice. Career-Technical programs currently being offered at GHS include:

Agricultural Business
Automotive Technology
Careers with Children
Computer Information Systems (CIS)
Engineering
Financial Management
Interactive Media
Supply Chain Management
Teaching Professions
Medical Tech Prep

COLLEGE TECH PREP EDUCATION

College Tech Prep is a partnership between Greenville High School and both Edison Community College and Sinclair Community College for the purpose of training a highly skilled workforce for the 21st century. The idea is to begin training college-bound high school students in a career pathway (such as information technology or health science) that will eventually lead them to work towards an associates or bachelor's degree. College Tech Prep programs are open to high school juniors and seniors who meet various grade, attendance, and other criteria. Along the way, students have the opportunity to earn college credits while still in high school. Then, if a high school student meets certain grade point average and other requirements, they can earn a partial tuition scholarship to either Edison or Sinclair community colleges. Students can earn their associate's degree at one of these community colleges or take their general education requirements and transfer to a 4-year university. This represents a tremendous savings for the student and/or family.

College Tech Prep programs at Greenville High School offer knowledgeable and experienced teachers, small class sizes, individualized career counseling, job shadowing and internship opportunities, and college prep academics. College Tech Prep Programs currently being offered at GHS include:

Agricultural Business
Automotive Technology
Careers with Children
Computer Information Systems (CIS)
Engineering
Financial Management
Interactive Media
Medical Tech Prep
Supply Chain Management
Teaching Professions

COLLEGE CREDIT PLUS

ENG 121 S – Composition I (001) - Grades: 9 thru 12 ** College Credit Plus Class
Semester Long Class, 1 Period Daily / 1.0 Credit / 3.00 College Credit Plus Hours

This class will focus on the study and practice of essay writing through the reading of published authors. Students will produce college-level writing for a variety of audiences and purposes. Students will employ critical thinking and analytical skills in both formal and informal writing. Formal writing is based on reporting information, narration, analysis, and research. All writing will stress Standard English, organization, and style.

ENG 122S – Composition II (026) - Grades: 9 thru 12 ** College Credit Plus Class
Semester Long Class, 1 Period Daily / 1.0 Credit / 3.00 College Credit Plus Hours

This class will focus on the study and practice of essay writing, including the writing of formal essays, reviews, and research papers. Work will be based on the study of logic and library research. Writing will stress organization, argument, referencing techniques, and the use of Standard English.

MTH 122S – Trigonometry (067) - Grades: 9 thru 12 ** College Credit Plus Class
Semester Long Class, 1 Period Daily / 1.0 Credit / 3.00 College Credit Plus Hours

Part of an Algebra-Trigonometry sequence, this course covers topics such as basic trigonometric ratios; radians as an angle measure; trigonometric functions and their graphs; trigonometric identities; trigonometric descriptions of complex numbers; and, roots and powers of real and complex numbers.

MTH 122S – College Algebra (044) - Grades: 9 thru 12 ** College Credit Plus Class
Semester Long Class, 1 Period Daily / 1.0 Credit / 3.00 College Credit Plus Hours

A college algebra course designed to provide a basis for continued study in mathematics or application fields. Topics will include functions and relations and their graphs; algebraic operations on functions; the theory of polynomial equations; an analysis of rational functions; exponential and logarithmic relationships; and systems of equations and inequalities.

BUSINESS

All Business and IT students are eligible to participate in Business Professional of America (BPA), a student association that helps members develop leadership and teamwork skills, close friends, a network of business contacts and a desire to serve the community. Students complete real world, creative competitions, working closely with business leaders and field experts. With these competitions, students have the opportunity to compete in regional, state, and national competitions.

Additionally, all Business and IT Students are members of the Miami Valley Tech Prep Consortium with an articulated agreement with Sinclair Community College; eligible for a $3000 scholarship from Sinclair upon meeting the required GPA in their career tech courses, and completing 3 courses within the same program area. All Business and IT career pathways have articulation agreements aligned with Edison State Community College with additional scholarship opportunities. Students are prepared to be work force ready with real career world experiences.

BUSINESS ELECTIVES

Business Foundations (118) Grades 9, 10 and 11 ** **Elective & Career Technical Program**
Semester Class, 1 Period Daily / .5 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Business Foundations is the recommended first course in the Supply Chain Management and Finance Career Field pathways. Learners will develop foundational professional skills, in addition to exploring fundamental business activities and concepts. This course also includes introductory learning outcomes as well as multiple hands on projects to explore the Business Field of Study.

Financial Literacy. (117) Grades 9 thru 12 **Requirement for the Class of 2026 and beyond.**
Semester Class, 1 Period Daily / .5 Credit

This course prepares students to understand financial literacy concepts and helps them to become savvy consumers who can avoid scams, prepares students to make sound financial decisions, provides an overview of different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses and introduces investing. This course is a graduation requirement for the Class of 2026 and beyond.

INFORMATION TECHNOLOGY ELECTIVES

Information Technology (102) Grades 9 - 12 ****Elective & Career Technical Program**
Semester Class, 1 Period Daily / .5 Credit

This is an exploratory course for students interested in all Career Tech Programs, specifically in the IT fields of Interactive Media and Computer Information Systems. This course is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security and ethical issues in computing and social networking. Students will also learn input/output systems, computer hardware and operating system and office applications. Students work with an integrated office software suite, Microsoft Office. Students will also be introduced to digital animation, web coding and programming.

Introduction to Programming (186) Grades 9 thru 12 ** **Elective & Career Technical Program**
Semester Class, 1 Period Daily / .5 Credit

In this course, students will learn the basics of building simple interactive applications. Students will be introduced to programming concepts enforcing good style and logical thinking with a focus on variables, expressions, types, branching, loops, functions, strings, lists, dictionaries, exceptions, and modules. Includes an introduction to object-oriented programming concepts, agile software development and version control. Students will apply algorithmic solutions to problem solving scenarios along with complimentary project management skills. Students will gain experience in using commercial and open-source languages, programs and applications. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits.

Web and Graphic Design (102) --- Grades 9 thru 12 ** **Elective & Career Technical Program**
Semester Class, 1 Period Daily / .5 Credit

This course will introduce students to the fundamentals of digital imaging, graphics and web design. Use of a digital camera and computer graphics software are important components of this course. Basic text, imaging techniques, advanced effects, filters, software and hardware will be presented. Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). There will be opportunities for students to employ design techniques within web pages for GHS as well as their own personal sites and school projects. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits.

INTERACTIVE MEDIA

Digital Design (139). Grades 10, 11 and 12 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0

In this course, students prepare for specializations in photography, animation, illustration, graphic design and web. Students will learn to use advanced editing and multimedia techniques for transforming digital images and artwork, through the use of digital cameras, camcorders, digital scanning equipment, drawing tablets, IPADs and mobile devices. Students will create, organize, manage and present digital information in a variety of media context forms. Students will become proficient in Adobe Photoshop and Adobe LightRoom. The coursework is project based and students will have the opportunity to personalize their learning experiences Students collaborate and produce print, digital and multimedia content for the school and community. Students are required to become members of our CTSO which provides opportunities to develop leadership skills, participate in competitions and to be involved in community service projects. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits. Students will have an opportunity to take the Adobe Certified Associate (ACE) industry recognized exams.

MultiMedia Design (138). Grades 10, 11, 12 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit

Students will apply principles of design and image creation, management procedures, and multimedia techniques as they create interactive media works for print, video, web publishing and mobile applications. The course will address issues related to web-based publishing, social media, and security. Students will explore the application of digital and electronic media in business, marketing, education, entertainment and training. Students will become proficient in Adobe Illustrator and Adobe LightRoom. The coursework is project based and students will have the opportunity to personalize their learning experiences. Students collaborate and produce print, digital and multimedia content for the school and community. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits. Students will have an opportunity to take the Adobe Certified Associate (ACE) industry recognized exams.

Design Techniques (137). Grades 10, 11, 12 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit

Students will apply design and layout fundamentals to create interactive media content for integration into publications, web output and other forms of digital communications. Topics include typography, vector and raster imaging, color, color correction, masking, special effects, page layout, PDF creation/editing, timeline-based video editing, file transfer, UX/UI web production. This course offers an introduction to 2D animation, motion capture and imagery development as it applies to the production of modeling, animation, gaming and video. Students will become proficient in Adobe InDesign, Adobe Animate and Dreamweaver. The coursework is project based and students will have the opportunity to personalize their learning experiences. Students collaborate and produce print, digital and multimedia content for the school and community. Students are required to become members of our CTSO which provides opportunities to develop leadership skills, participate in competitions and to be involved in community service projects. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits. Students will have an opportunity to take the Adobe Certified Associate (ACE) industry recognized exams.

Media Production (140). Grades 10, 11, 12 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students will plan, produce, edit, and launch video and audio media productions. Students will develop scripts and storyboards, compose shots and operate cameras, capture sounds using professional audio hardware, apply lighting

instruments and export final media products. Students will be able to use animation and graphic design for video. Students will become proficient in Adobe Premiere, Adobe Audition and After Effects. The coursework is project based and students will have the opportunity to personalize their learning experiences. Students will produce "The Wave At GHS" broadcasts, as well as individual and team short films. Students are required to become members of our CTSO which provides opportunities to develop leadership skills, participate in competitions and to be involved in community service projects. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits. Students will have an opportunity to take the Adobe Certified Associate (ACE) industry recognized exams.

SUPPLY CHAIN MANAGEMENT

Supply Chain Management (142) - Grade 11 ** Career Technical Program
Year Long Class, 1 Period Daily/1.0 Credit ****THERE IS A FEE ASSOCIATED WITH THIS CLASS****

Supply Chain Management explores how businesses facilitate the flow of goods from the point of origin to the point of consumption. Learners will develop skills and knowledge to track supply chains and measure their effectiveness and efficiency. They will also learn to identify opportunities to improve service levels, quality and costs through supply chains and select strategies for improving customer and supplier relationships. This course also includes learning outcomes in project management and business process analysis. We will explore internships, hands on Supply Chain projects, and help with events sponsored by SCM. In this class, we will create and execute our own small businesses and products to sell.

Management Principles (141) - Grade 11 ** Career Technical Program
Year Long Class, 1 Period Daily/1.0 Credit ****THERE IS A FEE ASSOCIATED WITH THIS CLASS****

Management Principles explores how businesses plan, organize and lead functions of management to direct staff towards goal achievement. Learners will develop knowledge and skills in relationship management, business governance, change and project management. This course also includes competencies in strategic planning and data and information management to promote problem-solving and decision-making skills. We will explore internships, hands on Management projects, and help with events sponsored by SCM.

Professional and Technical Sales (130)- Grade 12 ** Career Technical Program
Year Long Class, 1 Period Daily/1.0 Credit ****THERE IS A FEE ASSOCIATED WITH THIS CLASS****

Marketing Principles develops fundamental skills and knowledge of the marketing functions, including marketing communications, marketing research, pricing, selling and branding. This course also includes learning outcomes in product and service development and social media communications. We will explore internships, hands on Operational projects, plan and execute fundraisers including A Night in Hollywood, job shadow and more.

Strategic Entrepreneurship (132) - Grade 12 ** Career Technical Program
Year Long Class, 1 Period Daily/1.0 Credit ****THERE IS A FEE ASSOCIATED WITH THIS CLASS****

Strategic Entrepreneurship explores how individuals use innovation to generate ideas for new products and services, evaluate the feasibility of business ideas and develop a strategy for commercialization. Learners will develop knowledge and skills to select target markets, profile target customers, define a business mission and develop a business plan. This course also includes learning outcomes in financial analysis and evaluation**.** We will explore internships, hands on Management projects, plan and execute A Night in Hollywood, job shadow and more.

COMPUTER INFORMATION SYSTEMS

Computer Information Systems 11 ---- Grades 11 - 12 **** Career Technical Program**
Year Long Class, 2 Period Daily / 2.0
CLASSES: **Personal Computers (187)** and **Fundamentals of OS (188)**
*** **THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students will learn about the latest computer operating systems, applications, tools, and how to troubleshoot computer hardware and software problems. Consisting of operating systems concepts, organization, and functions including commands used in a working systems environment. Topics include single and multi-user systems, single and multi-tasking systems and graphical user interfaces. Students will gain subject matter skills in updating, deploying, configuring, protecting, managing, and monitoring devices and client applications in an Information Technology environment.

Students will continue preparation for CompTIA's industry standard certification while gaining practical experience and insight by providing technical support to the Greenville High School. This course is designed to prepare students for the CompTIA certification exam. Students are required to become members of our CTSO which provides opportunities to develop leadership skills, participate in competitions and to be involved in community service projects. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits.

Computer Information Systems 12 ---- Grade - 12 **** Career Technical Program**
Year Long Class, 2 Period Daily / 2.0
CLASSES: **Networking (135)** and **Network Operating Systems (136)**
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students will learn to design, implement, configure, and manage a Windows network that incorporates Windows Server business environments. Students will gain subject matter skills such as installing and configuring servers,

virtualization, administering, active directory structure, DNS, DHCP, core network services, configure server roles, and hierarchical infrastructure and security tools of group policy. Students will continue preparation for CompTIA's industry standard certification exam and gain practical experience and insight by providing technical support to the Greenville High School. This course is designed to prepare students to pass the CompTIA certification exam. Students are required to become members of our CTSO which provides opportunities to develop leadership skills, participate in competitions and to be involved in community service projects. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits.

FINANCIAL MANAGEMENT

Finances for Personal Use (149) --Grades 11 * * Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit

This course emphasizes money management skills, business management, marketing, real estate, and personal financial decisions. Business students develop leadership skills through Business Professionals of America competitions and will have the opportunity to do career exploration. The program uses a combination of individual and group assignments, projects, field trips, job shadows and club activities to engage students. Students will also be part of the purchasing and managing of a school run store, The Alumni Shop.

Personal Accounting (119) --Grade 11 ** Career Tech Program
Year Long Class 1 Period Daily 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students will learn about checking and banking procedures, opening and managing a checking account, ways to finance college and investing. Students will also track, record, summarize and report future income and expenses. Technology, employability skills, leadership and communications will be incorporated in classroom field trips and other class activities.

Financial Services Operations (148) --Grade 12 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students will further study personal finance, accounting, management, marketing and business law. Students will be given the opportunity to learn by doing with hands-on experience in the Alumni Shop. Seniors can also participate in the senior internship program with an area business. Leadership and personal development skills will also be emphasized through the co-curricular club activities, Business Professionals of America.

Managerial Accounting & Decision Making (147) --Grade 12 ** Career Tech Program
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students will use financial information to make strategic business decisions. They will monitor business profitability, measure the cost-effectiveness of expenditures, prepare budgets and set achievable business financial goals. Technology, employability skills, leadership and communications will be incorporated in classroom activities and field trips.

LANGUAGE ARTS

Students may choose to participate in the Advanced English program or take a more traditional four-year Language Arts program. Students may move from English 9 to Advanced English 10 with the recommendation of their 9th grade English teacher, but once a student is removed from the Advanced program, they will not be allowed to return to that program.

At all four grade levels, an original research paper is part of the curriculum. At each level, the student's paper must meet the criteria set forth by the teacher of the student's class. ***A paper meeting the criteria set forth by the Language Arts Department is mandatory for any student to receive credit for the class.***

Grammar, composition, speech, study skills, and literature will be inter-related, with students learning to handle much class work independently. Problem areas will be diagnosed and study groups (guided by the teacher) will be planned to help individual students. Literature with a greater reading depth will be analyzed, and students will be expected to do supplemental reading to parallel assigned readings. Writing skills will be emphasized through review of basic grammar and development of writing techniques through book critiques, paragraph development, sentence combining, and essay writing. Simulations will be used to involve students in role-playing in order to defend a stated position.

Students may be asked to purchase supplemental books and materials during each of their four years as a Language Arts student.

English 9 (200) --- Grade 9 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

This level of study includes all ninth-grade students who enter GHS (minus the students who participate in Accelerated English). This course includes a study in literature with an emphasis on structure, genre, characteristics, purposes, and elements. Grammar and composition are included in the study and involve the writing and developing of paragraphs, essay writing, character sketches, literary criticism, and book reports. Study skills are emphasized at the ninth-grade level, and speech with varied oral activities and oral presentations are included. At the ninth-grade level, the students will learn the process of writing the formal research paper. An acceptable research paper is a requirement to receive credit for this course. Students may be asked to purchase supplementary materials.

Advanced English 9 (209) --- Grade 9 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

This level of study is for the student who is identified to have the potential for a higher and more intense study of English. This student should be self-motivated, creative, and able to work independently. The student must be able to manage larger assignments and realize that more intense study is involved in this course. The student will be evaluated and selected by the eighth-grade language arts teacher who will consider the student's abilities in composition and grammar, reading skills, and prior grade achievement in English. The accelerated student should have an "A" or "B+" average to be eligible for this class. This course requires the acceptable completion of the formal research paper.

English 10 (201) --- Grade 10 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

This class includes all tenth-grade students at GHS (minus the students who participate in Advanced English 10). This course continues to build on the skills developed in English 9, with continued focus on grammar, composition, speech, study skills, and literature. Students will be expected to do supplemental reading to parallel assigned reading. Writing skills will be emphasized to a greater degree, and students will be expected to use various forms of written expression to explain their thoughts and opinions. The process for writing an academic research paper will be part of this class. An acceptable research paper is a requirement to receive credit for this course. Students may be asked to purchase supplementary books and materials.

Advanced English 10 (219) --- Grade 10 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

This level of study is for the student who is identified to have the potential for a higher and more intense study of English. This student should be self-motivated, creative, and able to work independently, and be able to manage larger assignments. The student will be evaluated and selected by the ninth-grade advanced language arts teacher who considers the student's abilities in composition and grammar, reading skills, and prior grade achievement in English. The advanced student must have an "A" or "B+ (84%)" average to be eligible for this class. This course may require the acceptable completion of a summer reading project and/or a formal research paper. The formal research paper in Accelerated English 9 must be completed to enter Advanced English 10.

English 11 (223) --- Grade 11 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

This level of study includes all eleventh-grade students at GHS (minus the students who participate in College Credit Plus courses). This course will continue the student's education in written and spoken communication, reading and reading comprehension, and the understanding of literature and literary themes. An acceptable research paper is a requirement to receive credit for this course. Students may be asked to purchase supplemental materials in this class.

English 12 (203) --- Grade 12 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

The English12 course consists of the acquisition of vocabulary using multiple resources, including informational, technical, and persuasive texts. Using literary texts, students will analyze and evaluate the five elements of literature: plot, character, setting, point of view, and theme. A variety of genres will be used to teach these elements and to teach reading and comprehension strategies. Students will learn and use the basic tools of writing – how to formulate a thesis, how to select an appropriate organizational structure, how to select and apply editing strategies, and how to select and use tools to judge the quality of writing. Students will compose open-ended questions for research, identify appropriate sources, gather relevant information from multiple sources, analyze supporting materials, and integrate quotations into written text using a style guide. An acceptable research paper is a requirement to receive credit for this course. Formal and informal presentations will be required. Students may be asked to purchase supplemental materials.

Holocaust and Human Behavior (205) --- Grade 11 or 12 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit
Requirement: Student must have completed English 9 and 10.

This course would take the place of an English 11 or an English 12 course. The course will explore the concepts of individual identity and collective identity. Understand that the Holocaust was a watershed event in the 20th century but also in the entire history of humanity. Reflect on the roles and responsibilities of individuals, groups, and nations when confronting the abuse of power, civil and human rights, and genocidal acts understand that the Holocaust was not an accident in history; it was NOT inevitable.

Media Studies and Books to Film (204) --- Grade 11 or 12 ** Language Arts Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit
Requirement: Student must have completed English 9 and 10.

This course would take the place of an English 11 or an English 12 course. The course will be split into two semesters with one semester focusing on Theatre and the second on the relationship between literature and cinema.

This course introduces students to themes and concepts explored across a variety of popular mediums, including film, television, visual art, theatre, and music. A blend of analysis, class discussion, and creative project work will allow students to engage critically with popular art and build understanding of how modern media influences society and affects audiences.

Books to Film explores the relationship between literature and cinema. Students will read novels, short stories, or plays and analyze their film adaptations. Discussions will focus on themes, character development, artistic interpretation, and the creative decisions behind adapting stories for the screen.

Yearbook (293) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must complete an application and receive permission from Yearbook Advisor to enroll in this class.

The school yearbook, The Chief, will be prepared during the course of this class. Students will be required to take part in activities and instruction including advertising sales, page design and layout, copy preparation, and photographic content and preparation. Students will be expected to work on the yearbook during this period and after school if they are selected to the staff. Students will be graded upon the quality of their work and the fulfillment of their assignments. This course may not be used to replace any of the required English classes used for the State requirement of four credits of Language Arts.

FOREIGN LANGUAGE

The goal of the foreign language program is to be able to participate in conversation and understand written materials on many topics. All four skills of communication (speaking, listening, reading, and writing) are the basis for daily activities and are emphasized. Audio-visual materials (videos, CDs, and slides) are used to teach an appreciation for the culture as well as daily lessons.

French I (271) --- Grade 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Students must have completed his or her previous Language Arts classes with a grade of "C" or better.

French I is an introduction to the language, which focuses on all four skills of communication. Basic grammar, sentence structure, vocabulary, and verb forms are introduced and practiced with a variety of activities and projects. Workbook and in-class activities will focus on the pronunciation, grammar, intonation, and listening to allow students adequate practice in reproducing those concepts. Throughout the course, French culture and daily life are discussed. Students may be asked to purchase supplemental books and materials.

French II (272) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed French I (271) with a grade of "C" or better.

French II is a continuation of French I, in which students continue to develop speaking, reading, writing, and listening skills. Reinforcement of concepts learned in French I will be emphasized. More grammar and vocabulary are introduced and practiced with a variety of workbook and in-class activities. Students will develop the ability to produce and perform skits and create cultural projects. Students may be asked to purchase supplemental books and materials.

French III (273) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed French II (272) with a grade of "C" or better.

French III is designed to review concepts previously learned and expand on them with more written and oral practice of the language. More advanced grammar and vocabulary are introduced and stressed while studying a variety of topics including current events, culture, and history. Creating projects, writing, reading short stories, and performing skits will be required. Students may be asked to purchase supplemental books and materials.

French IV (274) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
REQUIREMENT: To enroll in this class, a student must have completed French III (273) with a grade of "C" or better.

In French IV, the formal study and review of grammar and verb tenses will be completed. French IV will continue to develop the listening, speaking, reading, and writing in the target language with the emphasis on literature and culture. A variety of materials will be used, such as videos, CDs, tapes, slides, workbook activities, and novels. This course will be conducted primarily in French. Students may be asked to purchase supplemental books and materials.

French V (275) --- Grade 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed French IV (274) with a grade of "C" or better.
REQUIREMENT: A student must have permission from the instructor to enroll in this class.

In French V, the students will continue to develop the skills of speaking, listening, reading, and writing in the target language with an emphasis on literature and authentic visual and reading sources such as newspapers and magazines. To develop cultural studies, projects are required at this level. The class will be conducted entirely in French and students will be expected to only speak French in the classroom. Students may be asked to purchase supplemental books and materials.

Spanish I (281) --- Grade 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed his or her previous Language Arts classes with a grade of "C" or better.
REQUIREMENT: Any student that has completed Practical Spanish must obtain the signature of the teacher of Practical Spanish in order to register for Spanish I.

Spanish I is an introduction to basic skills in reading, writing, listening, and speaking. Much class time is devoted to intensive oral practice with emphasis on accurate pronunciation, comprehension, and vocabulary development. Grammar is presented through structured drills and developed through simple reading and writing exercises. Cultural contrasts are presented through text content, research, and films. Projects are required in Spanish I. Students may be asked to purchase supplemental books and materials.

Spanish II (282) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed Spanish I (281) with a grade of "C" or better.

Spanish II is a continuation and expansion of the first-year work with emphasis on oral reinforcement of vocabulary and language structures. Reading and writing skills are a part of each unit of study. To develop cultural studies, projects are required at this level. Students may be asked to purchase supplemental books and materials.

Spanish III (283) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed Spanish II (282) with a grade of "C" or better.

Spanish III is a course designed to include intensive conversational Spanish, grammar review and expansion, and literature used as a basis for group discussion and writing. The course will be conducted primarily in Spanish and a variety of instructional materials will be used. These include such materials as newspapers, magazines, online materials, videos, and musical selections in addition to a basic text and workbook. To develop cultural studies, projects are required at this level. Students may be asked to purchase supplemental books and materials.

Spanish IV (284) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed Spanish III (283) with a grade of "C" or better.

In Spanish IV, the formal study of grammar and verb tenses will be completed. Spanish IV will continue to develop the skills of speaking, listening, reading, and writing in the target language with the emphasis on literature. A variety of instructional materials will be used such as newspapers, magazines, online materials, videos, and music selections in addition to a basic textbook. To develop cultural studies, projects are required at this level. The course will be conducted primarily in Spanish. The students may be asked to purchase supplemental books and materials.

Spanish V (285) --- Grade 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: To enroll in this class, a student must have completed Spanish IV (284) with a grade of "C" or better.
REQUIREMENT: A student must have permission from the instructor to enroll in this class.

In Spanish V, the students will continue to develop the skills of speaking, listening, reading, and writing in the target language with an emphasis on literature and authentic visual and reading sources such as newspapers and magazines, online materials, videos, and music selections in addition to a basic textbook. To develop cultural studies, projects are required at this level. The class will be conducted entirely in Spanish and students will be expected to only speak Spanish in the classroom. Students may be asked to purchase supplemental books and materials.

FINE ARTS

Studio Art (301) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Studio Art is an exciting adventure into drawing, painting, sculpture, and design. This class, spread over the entire year, introduces drawing techniques, color and shading concepts, pastels, markers, and all forms of art materials. Come ready to explore and create awesome projects! This course is a prerequisite for all other art courses.

Creative Design (302) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: To enroll in this class, a student must have completed Studio Art (301) with a grade of "C" or better.

Would you like to draw like a tattoo artist? Paint like a graffiti artist? Sculpt like Michelangelo? If you answered any of these questions "yes," then this class is for you! In this class, you will undertake and complete awesome projects in drawing, designing, painting, crafts, and sculpture. You will expand your previous knowledge and experiences while emphasizing your own personal artistic desires and styles.

Advancing Through Art (303) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: To enroll in this class, a student must have completed Studio Art (301) AND Creative Design (302) with a grade of "C" or better.
Continuing with intriguing and fascinating art projects, this class will explore drawing, painting, design, sculpture, and craft projects. More in-depth than Studio Art or Creative Design, this class will expand your creativity with self-exploration and offer you the chance to express some of your own artistic ideas.

Career Art (317) --- Grade 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: To enroll in this class, students must submit a portfolio for review and interview with instructor.
REQUIREMENT: A student must have permission from the instructor to enroll in this class.

This advanced art class is for students who are interested in developing a portfolio for college or who just love art. Students will be exposed to art career opportunities and educational possibilities. Students will develop an extensive portfolio and will be involved in field trips, and guest speakers.

Drawing I — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.

Students will create interpretations of abstract and realistic subjects, including figures, animals, cartooning, landscapes, still-life, and imaginative ideas. Emphasis will be placed on enhancing perception and the student's ability to transfer a subject to a two-dimensional surface. A variety of media will be explored.

Drawing II — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.

Advanced techniques and subject matter will be explored through a variety of media experiences. Special attention will be given to individualized instruction and portfolio development.

Painting I — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.

Painting I investigates acrylics, water colors, tempera and mixed media;,explores color theory; and examines established painting styles.

Painting II — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
Advanced techniques and subject matter will be explored through a variety of media experiences. Special attention will be given to individualized instruction and portfolio development.

Sculpture — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
This course deals with the three- dimensional aspects of art. Students may work with paper mache, wire, wood, plaster, and other materials to create unique sculptural forms.

Fiber Arts and Crafts — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
This class will introduce basic craft techniques. Basketry, batik, felting, jewelry and other fiber processes will be explored.

Printmaking — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
This class will introduce essential printmaking techniques. Silkscreen, 2-color relief, monotype, and other print processes will be explored.

Painting I — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
Painting I investigates acrylics, water colors, tempera and mixed media;,explores color theory; and examines established painting styles.

Painting II — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
Advanced techniques and subject matter will be explored through a variety of media experiences. Special attention will be given to individualized instruction and portfolio development.

Ceramics I — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
This class will introduce essential hand-building clay techniques, including slab-building, coil-building, and pinch pots.

Ceramics II — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.

Advanced clay techniques and forms will be explored through a variety of media experiences. Special attention will be given to individualized instruction and portfolio development.

Photography — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
This class will introduce basic digital photography techniques. Micro, macro, portraiture, and landscape will be explored.

Digital Design — Grades 10-12 *** Elective
1 Period / Semester 0.5 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed Studio Art with a grade of "C" or better.
This class will introduce basic digital design tools and techniques for making a range of artworks with digital devices, including several apps like Sketchbook, SCRL, Canva, and/or Zing Studio for drawing, layering, collage, and stop motion animation.

Community Arts — Grades 10-12 *** Elective
Year Long Class, 1 Period Daily/ 1.0 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Requirement: To enroll in this class, a student must have completed a minimum of 2 art credits.
This class will be a high-commitment course working to engage in public art projects in our community. This may entail murals, sculptures, temporary installations, and other media.

INSTRUMENTAL MUSIC

Wind Symphony (321) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. (uniform rental)***
This is an auditioned ensemble that performs regularly throughout the school year. Members of the wind symphony are highly encouraged to participate in other musical endeavors such as (but not limited to): Marching Band, Honor Bands, Solo and Ensemble, Jazz Scene, Private Lessons. School instruments may be provided in certain cases at the Director's discretion. Auditions for this ensemble take place in the spring of the year prior, and placement is at the discretion of the Director, or anyone brought in to advise these decisions.

Symphonic Band (322) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. (uniform rental)***
Marching & Symphonic Band is a co-curricular class made up of sophomores and freshman (Seniors/Juniors may be added to complete instrumentation). If you are in a Fall sport that doesn't allow you to do both sport and marching band, an alternate assignment will be given by band director to meet marching band requirements. (Ex. Loading and prop crew at band events/competitions).
Marching band will take place the first 9 weeks of class (Mandatory). Band camp in July is mandatory to be a member of BAND 2. Please see marching band schedule for all summer dates and commitment schedule. Marching band is a performance-based unit which includes but not limited to football games, parades, contest, and pep band games. The marching band unit of class will transition to Symphonic Band after the first 9 weeks of class.
Symphonic Band performances include, but not limited to, OMEA Large Group Contest, Solo & Ensemble, community events, and school concerts.

Chamber Orchestra (326) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. (uniform rental)***

REQUIREMENT: Students must audition for the instructor in order to take this class.

Chamber Orchestra is open to students who perform on standard orchestral string instruments. Orchestra wind and percussion students will be selected form members of the concert and symphonic band classes. Students in this class are ***required*** to participate in concerts, contests, and a variety of other scheduled performances. ***Mandatory and graded*** after-school rehearsals may be scheduled on Tuesdays from 3.00 PM to 4.00 PM. Students in this class are ***required*** to obtain and wear a formal orchestra uniform. The uniform will be fitted at the beginning of the school year, and a fee for maintenance of this uniform is required. Music offerings for this class include standard orchestral literature and contemporary and popular music. A syllabus of responsibilities and requirements for this class is available to all students and their parents in the Orchestra Office.

Jazz Scene (334) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. (uniform rental)***
REQUIREMENT: Students must be members of the Band or Orchestra, and must also audition for the instructor in order to take this class.

Jazz Scene is an auditioned class of music students performing on standard jazz instruments (saxophone, trombone, and trumpet). This class offers students a variety of literature for study, including standard and contemporary jazz literature, pop/rock music, and other forms of music designated as jazz music. Students in the band and orchestra may audition for the rhythm section (piano, bass, and guitar). String students from the orchestra may also audition for this class. ***Required and graded*** rehearsals can be scheduled every Monday evening from 5:30 PM to 7:30 PM. ***Improvisation will be required of all students in this class.*** A calendar of events will be issued to each student, and attendance at all events is mandatory.

Music Technology and Production () – Grades 9-12, ** Elective
Year Long Class, 1 Period Daily\1.0 Credit
This Course will explore the use of technology in various musical settings such as performance, studio, music for picture, and music business. Basic music fundamentals will be learned as a foundation to give students the necessary communication tools to be successful in this course. This course will cover methods of recording audio of several instruments, sampling, electronic sequencing, mixing, and mastering. Several group and individual projects will be completed throughout the year to build proficiency in Music Tech programs and applications, as well as building digital literacy.

VOCAL MUSIC

Green Wave Choir (331) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. STUDENTS MAY ARRANGE A PAYMENT SCHEDULE FOR PURCHASES WITH THE DIRECTOR.***

This class is open to any student who enjoys singing and desires to learn about performing in a choir. A schedule of performances will be given to students at the beginning of each year. Mandatory performances include the Fall Concert, the Holiday Concert, the Winter Concert, and Choir-O-Rama, along with other events at the discretion of the director. Students will learn a variety of performing styles. Individual assessments will be done every quarter. Extra mandatory rehearsals will be held after school before performances, and students will be expected to learn choreography – and if necessary, attend additional rehearsals and practice on their own. Choir is a co-curricular course, and students will be assessed during school, as well as after school at rehearsals and performances.

Music Theory (338) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: A student who wishes to enroll in this class must be enrolled in a Vocal or Instrumental Music class, or be recommended by a member of the music staff at Greenville High School.
Music theory is the study of the basic notations and mechanics of music. The most fundamental concepts of music theory are rhythm, melody, and harmony. This class is designed for students that are interested in pursuing music at the collegiate, professional and/or competitive level. Students will become better readers of music and will learn how to transcribe music. Music Composition will also be taught in the second semester of the course.

Concert Choir (333) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. STUDENTS MAY ARRANGE A PAYMENT SCHEDULE FOR PURCHASES WITH THE DIRECTOR.***
REQUIREMENT: A student who wishes to enroll in this class must first audition for the instructor. Students will be selected for this class after completing auditions in March or April of the previous school year.
Concert Choir is a mixed SATB ensemble. Some light choreography will be learned and performed throughout the school year. Mandatory performances for this group will include the Fall Concert, the Holiday Concert, the Winter Concert, Choir-O-Rama, and Graduation. Extra required rehearsals will be involved prior to concerts, as well as whenever deemed necessary by the director. Concert Choir is a co-curricular course, and students will be assessed during school, as well as after school at rehearsals and performances.

Wavaires (335) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. STUDENTS MAY ARRANGE A PAYMENT SCHEDULE FOR PURCHASES WITH THE DIRECTOR.***
REQUIREMENT: A student who wishes to enroll in this class must first audition for the instructor. Students in this class will be permitted to take part in Post-Secondary Education classes as long as these classes do not interfere with the Wavaires class periods. Students will be selected for this class after completing auditions in March or April of the previous school year. A contract must be signed by any student and their parent in order to be eligible to audition for this class.
This class requires the highest musical proficiency of all vocal music classes. This group performs as a vocal chamber ensemble, a gospel choir, and a show choir. Dancing will be included in the curriculum, and a PE credit will be offered for 2-years participation. Students will be expected to learn how to set-up and tear down sets for each rehearsal and performance. Performances are numerous, and include all school-related concerts, church cantatas, community group performances, banquets, and other requested performances. Extra rehearsals are involved prior to concerts and upcoming events and performances. Students are required to purchase outfits, shoes, and other accessories each year. Wavaires is a co-curricular course, and students will be assessed during school, as well as after school at rehearsals and performances.

Collage (336) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS. STUDENTS MAY ARRANGE A PAYMENT SCHEDULE FOR PURCHASES WITH THE DIRECTOR.***
REQUIREMENT: A student who wishes to enroll in this class must first audition for the instructor. Students are selected through audition on their singing and dancing abilities.

This is a SSA group only, and is only open to female students. Students will be required to purchase outfits each year, along with shoes, makeup and other accessories. Students will perform at the Fall Concert, Holiday Concert, Winter Concert, Choir-O-Rama, Graduation, and other scheduled events throughout the year. Students will learn a variety of musical styles. Females involved will receive a PE credit with 2-years of participation in this ensemble. Students will be expected to learn how to setup and tear down equipment for performances, and will sometimes be asked to work alongside the Wavaires for setups and teardowns taking place at Memorial Hall. Auditions will be held in late March or early April of each school year. Collage is a co-curricular course, and students will be assessed during school, as well as after school at rehearsals and performances.

PHYSICAL EDUCATION

Two semesters of Physical Education are required for all students. A student who, during high school, has participated in interscholastic athletics, marching band, or cheerleading for at least two full seasons may have their Physical Education requirement waived. However, the student is required to complete one-half unit, consisting of at least 60 hours of instruction in another course of study. See your guidance counselor or the Athletic Director for details.

Physical Education I (341) --- Grades 9 thru 12 ** Requirement ** ***This class cannot be taken as an elective.***

Semester Long Class, 1 Period Daily / 0.25 Credit
REQUIREMENT: Student must have physical education clothing, including athletic shoes.

Students will learn basic skills and strategic play in a variety of team and individual sports. An emphasis will also be placed on the improvement and maintenance of physical fitness. Physical fitness testing will take place quarterly. Weekly sessions of aerobic activity (1 mile or other aerobic activity) will also be ***REQUIRED***. Students will be evaluated on their ability to exhibit the behavioral skills of teamwork, sportsmanship, cooperation, mastery of each physical skill taught, and proper dress for the class, as well as physical fitness standards.

Physical Education II (342) --- Grades 9 thru 12 ** Requirement ** ***This class cannot be taken as an elective.***
Semester Long Class, 1 Period Daily / 0.25 Credit
REQUIREMENT: Student must have physical education clothing, including athletic shoes.

Students will learn basic skills and strategic play in a variety of team and individual sports will be covered. An emphasis will also be placed on the improvement and maintenance of physical fitness. Physical fitness testing will take place quarterly. Weekly sessions of aerobic activity (1 mile or other aerobic activity) will also be ***REQUIRED***. Students will be evaluated on their ability to exhibit the behavioral skills of teamwork, sportsmanship, cooperation, mastery of each physical skill taught, and proper dress for the class, as well as physical fitness standards.

Weight Training (344/345) --- Grades 9 thru 12 ** Elective
Semester Long Class, 1 Period Daily / 0.5 Credit
REQUIREMENT: Student must have physical education clothing, including athletic shoes.

Students will learn a wide range of weight training exercises. This class will emphasize the development of effective weight training and proper lifting techniques. The student will learn to safely use the weight room, facilities a, and gymnasium. Students will also follow a tailored weight training program and track their results.

HEALTH

Health (363) --- Grades 10 thru 12 ** Requirement
Semester Long Class, 1 Period Daily / 0.5 Credit

The objectives are to make the student aware of the importance of health in daily living; to help students understand the relationship of personality, emotions, behavior, physical fitness, basic structure of the body, body care, nutrition, and safety to the overall health of an individual; to provide information concerning prevention and treatment of common diseases and to inform the student of the effects of alcohol, tobacco, and drugs. Information is presented to help the student learn about himself, learn appreciation and understanding for his parents and other member of the family, and learn some of the problems of growing up.

Health Foundations (365) --- Grade 10 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

This course is designed for students interested in medical and health careers. The class focus is an in-depth study of human body and its disorders. The class will focus on many topics important to understanding how to live a healthy life. Student will be made aware of the importance of health in daily living. Students will study the relationship between personality, emotions, behavior, physical fitness, basic structure of the body, body care, nutrition, and safety to the overall health of an individual. The class will discuss information concerning prevention and treatment of common diseases and to inform the student of the effects of alcohol, tobacco, and drugs. Information will also be presented to help the student learn about himself, learn appreciation and understanding for his parents and other members of the family, and learn some of the problems of growing up. Because there are many careers within the health occupations, extensive career exploration will be provided. This course will be taught by a licensed health care professional.

AGRICULTURAL BUSINESS

All Agricultural Education courses are open to all male and female students living in town or in the country. FFA, a national student organization, is an important part of the program to develop leadership, communication skills, citizenship, community, and civic responsibility. ***All students enrolled in the Agricultural Education program are REQUIRED to become dues-paying members of the FFA on a local, state, and national level.*** The program also has available a greenhouse or additional instruction.

Mechanical Principles (409) --- Grades 11 and 12 ****** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Students will study the mechanical principles utilized in animal and plant production systems. Students will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry, and they will identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety, as well as communication and leadership skills.

Agriculture, Food and Natural Resources (458) ---Grade 9 thru12 ****** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

Animal and Plant Science (459) --- Grade 10 ****** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Students will apply knowledge of animal and plant sciences to the agriculture industry. Students will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, and animal welfare and behavior as it relates to the production of animals. Students will learn principles of plant anatomy and physiology, the role of nutrition in animal and plant development, and the impact of nutritional deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

Greenhouse and Nursery Management (461) --- Grades11 ****** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized.

Business Management for Agricultural and Environmental Systems (463) --- Grade 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. Students will learn essential greenhouse practices, including water and fertilizer distribution, lighting, ventilation, and temperature control. Students will learn pest and disease identification and control, as well as bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and emplyoabi8lity skills will be emphasized.

Agricultural Capstone (465) --- Grade 12 ****** Elective

Arranged outside school day / 2.0 Credits

REQUIREMENT: Students in this class must be enrolled in Business Management for Agricultural and Environmental Systems (463).

The capstone course is an opportunity for students to solve problems and demonstrate that they have achieved the requisite knowledge and skills in their chosen Agricultural and Environmental Systems career field pathway. The course is designed to assess cognitive, affective and psychomotor learning and to do so in a student-centered and student-directed manner. The capstone requires the application of learning to a project that serves as an instrument of evaluation.

EDUCATION ELECTIVES

Introduction to Education (470) --- Grades 9 and 10
Year Long Class, 1 Period Daily / 1.0 Credit

This class is intended for, but not limited to, freshmen and sophomore students. Introduction to Education is a course that will explore career options in education. Topics of study will include various career paths in education, implementation of curriculum, addressing the needs and challenges of diversity in a classroom, methods of instruction, conscious discipline, classroom management strategies, student assessment, challenges in education, and teaching through different media.

Child and Adolescent Development (469) --- **Elective Grades 9-12
Semester Long Class, 1 Period Daily / 0.5 Credit
In this course, students will study the foundations and development of children and adolescents. Students will also be taught to recognize differences in individuals, cultures, learning styles and stages of growth and development.

CAREERS WITH CHILDREN

Careers with Children 11 Related (472) --- Grade 11 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit

Do you picture yourself working with young children? Are your career plans to become an early childhood education teacher, a nanny, a teacher aide or a home childcare provider? This program provides valuable experiences and knowledge in child development that you can utilize as you pursue your career goal. Successful graduates will receive certification in child abuse and neglect recognition, first aid and C.P.R. and communicable disease. Graduates of this program interested in attending Edison Community College or Sinclair Community College in Early Childhood Education may have some number of semester hours waived by these schools if the requirements of these schools are met. This program is open to all male and female students. All students enrolled in this program are required to become members of FCCLA on the local, district, state, and national level. This gives students the opportunity to develop leadership skills and to participate in community service projects.

During related class time, topics including child development, creativity, play, classroom management, infant care, toddler care, and care for children with special needs will be developed and discussed. Students will also explore early childhood career opportunities as they make decisions about their future.
Course: Health, Safety, and Nutrition

Careers with Children 11 Lab (471) --- Grade 11 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

During lab time, students will work in an early education lab facility located in the high school. A physical examination is required for participation in this program. Students will learn to develop and direct developmentally appropriate learning experiences for preschool children. Learning experiences include math, science, art, literature, music, movement, block play, dramatic play, field trips, outdoor play, and snack preparation.
Course: Curriculum and Instruction for Early Childhood Education

Careers with Children 12 Related (474) --- Grade 12 ** Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit

Students will continue to discuss topics relevant to childcare professionals and teachers. These topics will include child development, creativity, play, classroom management, infant care, toddler care, care for children with special needs, and decision-making regarding careers in childcare.
Course: Infant and Toddler Education

Careers with Children 12 Lab (475) --- Grade 12 ** Career Technical Program
Year Long Class, 2 Periods Daily / 2.0 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

As a senior, an intern experience in a child-care setting is an important part of the program; all second year

students who have successfully completed the certification process in child abuse recognition, first aid, and communicable disease will intern in an approved training station with a maximum of 15 hours work experience per week. An internship is a non-compensated work experience lasting 9 weeks at a variety of childcare training centers. The advantage of an internship is the flexibility of the student to participate in a wide variety of teaching experiences.
Course: Classroom Management

EDUCATIONAL PROFESSIONS

Educational Professions 11 Related (473) --- Grade 11 **Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
Are you looking for a way to make a positive impact on children during their school career? Are your career plans to become an educator, probation officer, school counselor, school psychologist, social worker, therapist or other career helping children and adolescents? This program provides valuable experiences and knowledge in areas of child development to help you as you work toward your future career. Some topics include cognitive, emotional, physical and social development, learning styles, and cultural/family involvement in students' development.
This program is open to all male and female students who enjoy working with children and wish to be positive role models. All students enrolled in this program are required to become members of FCCLA. This gives student the opportunity to develop leadership skills and to participate in community service projects.
Course: Child and Adolescent Development

Educational Professions 11 Lab (477) --- Grade 11 **Career Technical Program
Year Long Class, 1 Period Daily / 1.0 Credit ***THERE IS A FEE ASSOCIATED WITH THIS COURSE.**
During lab time, students will work with school-age children in a before school program at the high school. Students will learn to develop and direct age- appropriate learning experiences for school-age students. Learning experiences include academic content areas as well as positive emotional/social interactions.
Course: Classroom Management

Educational Professions 12 Related (478) --- Grade 12 ** Career Technology Program
Year Long Class, 1 Period Daily / 1.0 Credit
Students will continue to discuss topics relevant to careers in education and working with children. These topics will include career planning, ethical practices, family and community involvement, philosophies and theories of education and development. In this course, three semester college credits can be earned if criteria is met with the portfolio and WebXam.
Course: Education Principles

Educational Professions 12 Lab (479) --- Grade 12 **Career Technology Program
Year Long Class, 2 Periods Daily / 2.0 Credits ***THERE IS A FEE ASSOCIATED WITH THIS COURSE.**
As a senior, placements are an important part of the program. All second-year students who have completed in-class requirements will intern in an approved placement. A placement is a non-compensated work experience in a variety of educational settings to gain valuable experience with working with students of all ages and gain employment skills.
Course: Communities, Schools and Stakeholders

FAMILY AND CONSUMER SCIENCE

Family and Consumer Science courses are open to all students. Family, Career and Community Leaders of America (FCCLA) is the student organization that is an important part of the program to develop leadership and personal, school, family, and community responsibility. All students in Family and Consumers Science courses are urged to become affiliated members in this organization.

Leadership and Community Engagement (421) **---** Grades 09 thru 12 **Elective
Semester Long Class, 1 Period Daily / 0.5 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues, community and global engagement.

Transitions and Careers (422) **---** Grades 09 thru 12 **Elective
Semester Long Class, 1 Period Daily / 0.5 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, communication and leadership skills. Additional topics will include technology etiquette and career planning. This course could be approved as part of a pre-apprenticeship program.

Culinary Fundamentals (418) --- Grades 09 thru 12 ** Elective
Semester Long Class, 1 Period Daily / 0.5 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Tired of eating fast food? Gain knowledge of food by learning how to plan and prepare healthy meals and snacks. This course will focus on healthy life choices by covering nutrition basics, weight management, food safety, and basic food preparation.

Global Foods (419) --- Grades 09 thru 12 ** Elective
Semester Long Class, 1 Period Daily / 0.5 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

Personal Wellness (420) --- Grades 9 thru 12 ** Elective
Semester Long Class, 1 Period Daily / 0.5 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
Being healthy and fit can have a huge impact on every area of your life. This class will investigate the link between physical activity, sleep, a healthy life style, and work performance. The class focus is on understanding sound nutritional practices that help to ensure good health and peak performance. The class will study cooking methods that preserve food safety and offer maximum nutritional outcomes while looking at the science behind it.

Career and College Readiness (415) --- Grades ~~09 and~~ 10 thru 12 ** Elective
Semester Long Class, 1 Period Daily / 0.5 Credit
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
On the road of life, do you have a map? Career Search will prepare you with the skills to investigate careers, access information, and develop a plan to meet your educational and career goals. Students will learn techniques to resist unhealthy influences; observe the impact of technology on relationships; strategies for establishing boundaries; how to respect diversity; and, how to show concern for others. This class will show you how building strong relationships make for a productive workplace.

Textile Design (416) --- Grades 9 thru 12 ** Career Technical Program
Semester Long Class, 1 Period Daily / 0.5 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
In this course, students will study the visual appearance of fabric and fashion design. Students will identify,

analyze, and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textile products, including home interior accessories and garments.

Interior Design (417) --- Grades 9 thru 12 ** Career Technical Program
Semester Long Class, 1 Periods Daily / 0.5 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***

Students are encouraged to plan a first apartment after learning the principles of good design. Students will work with a wide variety of flor plans, color schemes, window treatments, furniture styles, floor coverings, and fabrics. A culminating project is a visual presentation of their decorated apartment. Students considering a career in the housing industry and/or the field of interior design are encouraged to enroll in this course.

Academic Success (898) --- Grades 9-12 **Elective
Semester long class, 1 Period Daily/ 0.5 credits
Academic Success is an elective course for students to receive support in study skills, organization, setting goals, planning and being able to communicate with others. Throughout this course the assigned instructor will provide students with useful skills and tools to be successful in current and future courses. There will be time allotted within the class for support and intervention for the student's current courses. This class will be assigned by placement from the school counselors, teachers or administrators. Students may take this class multiple times for credit throughout high school.

MATHEMATICS

For students starting high school in or after the fall of 2010, ***four*** credits of mathematics are required to graduate from high school. One of those credits ***must*** be from Algebra II or its equivalent.

Algebra I (515) --- Grades 9 thru 12 ** Math Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit

Students will begin by reviewing topics covered in seventh and 8th grade mathematics such as computing with positive and negative numbers, solving multi-step equations, and solving proportion and percent problems. Then, Algebra topics such as graphing linear equations and inequalities, solving systems of equations, multiplying and dividing powers, and factoring will be covered extensively.

Geometry (523) --- Grades 9 thru 12 ** Math Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must complete Algebra I (515).

Geometry is recommended for students preparing for college or technical training. The course should help the student understand and develop an appreciation for the basic structure of geometry while gaining skills in logical and clear thinking. Properties and proofs of lines, planes, triangles, quadrilaterals, other polygons, and circles are treated in detail. An introduction to coordinate geometry and areas of plane and solid figures are also considered.

Accelerated Geometry (524) --- Grades 9 thru 12 ** Math Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must pass Algebra I, corresponding End of Course Exam and receive teacher recommendation to enroll in this course.
RECOMMENDED: Students should have a TI-83+ or TI-84 calculator.
This course includes all topics presented in the standard geometry course, but concepts are covered in greater depth. A stronger emphasis is placed on logical processes using higher-level algebraic skills. Students will be expected to give accurate explanations on solving geometric problems using indirect, paragraph, and formal proofs. This course is fast paced and challenging.

Integrated Algebra (525) --- Grades 10 thru 12 ** Math Requirement Option
Year Long Class, 1 Period Daily/1.0 Credit
REQUIREMENT: Students earning a proficient score on the Algebra I End of Couse Exam will not be permitted to take this course.
This course reviews material learned in Algebra I and Geometry in a more in-depth study. Students will be prepared to re-take the Algebra I End of Course Exam. Students will practice many pre-requisite topics needed for Algebra II such as

solving equations, graphing various families of functions, solving systems and working with exponents.

Advanced Algebra II () - Grades 9-12 ** Math Requirement Option
Year Long Class, 1 Period Daily/ 1.0 Credit
REQUIREMENT*:* Students must pass Algebra I, corresponding End of Course Exam, and receive teacher recommendation to enroll in this course.
RECOMMENDED: Students should have a TI-83+ or TI-84 calculator.
This course includes all topics presented in the standard Algebra II course, but topics are covered in greater depth. A stronger emphasis is placed on logical processes using higher-level algebraic skills. This course is fast-paced and challenging and is intended for students who wish to take higher level math courses at GHS.

Algebra II (516) --- Grades 9 thru 12 ** Math Requirement Option
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT*:* Student must complete Algebra I (515).
RECOMMENDED: Students should have a TI-83+ or TI-84 calculator.
The first part of Algebra II is a review and extension of the fundamentals of Algebra I. Emphasis is placed on developing an individual's ability to read and use mathematical text independently. The course is geared towards junior and senior students needing their 4th math credit for graduation.

Quantitative Reasoning (537) --- Grade 10-12 ** Substitute for Algebra II Requirement
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must complete Algebra I (515) and Geometry.

Critical thinking and reasoning are the primary objectives and outcomes of the quantitative reasoning course. It includes the application of mathematical skills including algebraic methods to the analysis and interpretation of quantitative information (numbers in context) in real-world situations to make decisions that are relevant to daily life. Students combine problem solving with modeling to analyze real-life situations and devise solution strategies. These habits and skills cut across disciplines, promote perseverance, and provide a gateway into successful postsecondary education and a variety of careers.

Statistics (538) --- Grades 10 thru 12 ** Elective or Substitute for Algebra II Requirement
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must successfully complete Algebra I (515), Algebra II (516), and Formal Geometry (523).

Statistics is recommended for those students planning college or technical training whose majors would include teaching, business, psychology, sociology, biology, marketing, and quality control for industry. The first semester will cover descriptive statistics. Students will learn to calculate mean, median, mode, and standard deviation, and to represent data in various graphical formats. They will also calculate simple probabilities. The second semester will cover inferential statistics. Students will explore probability distributions such as the binomial distribution and Bayes Rule. The normal distribution will be covered extensively. The course should prepare students for introductory college statistics or industrial Statistical Process Control (S.P.C.)

Advanced Placement Statistics (539) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must successfully complete Algebra I (515), Algebra II (516), and Geometry (523).
REQUIREMENT: Students must have a TI-83+ or TI-84 graphing calculator.

The intent of this course is to learn Statistics and prepare for the AP Statistics exam; taking the AP exam is not, however, required. The topics in Statistics (538) are covered, plus additional topics to prepare for the AP test. One of the additional topics is regression models, which involves collecting and analyzing data using a graphing calculator. Students will also learn the many statistical functions of the graphing calculator. **This course qualifies as a course leading to an honors diploma.

Trigonometry (545) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Students must successfully complete Algebra I (515), Algebra II (516), and Geometry (523).

Trigonometry is a study of circular functions that are used to solve triangle problems. Non-logarithmic problem solving of triangle in trig include both the right and oblique triangles. Trig function values are determined by the use of

the calculator and the unit circle. Angles and arc length are determined in radian and degree measure. Graphs of the trig functions will be drawn, and fundamental relations and identities will be derived. Verifications of identities will be covered. Analytic Geometry combines the problems of Algebra, Plane Geometry, and Trigonometry into a sequence of topics to unify the concepts of each subject. The graphing of conic sections (circles, parabolas, ellipses, and hyperbolas) is covered extensively. Exponentials and logarithms are also covered. The course is designed to allow a student to either select Pre-Calculus or AP Calculus or both as the next math course. **This course qualifies as a course leading to an honors diploma.

Advanced Placement Calculus I (565) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Students must successfully complete Algebra I (515), Algebra II (516), Geometry (523), and Trigonometry (545), College Algebra and College Trigonometry are highly recommended.
REQUIREMENT: Student must have permission from the instructor to enroll in this class.
REQUIREMENT: Students must have a graphing calculator, like the TI-83+ or TI-84.

The intent of this course is to learn Calculus and prepare for the AP Exam: taking the AP exam is not, however, required. The student will review and extend topics in functions and graphing. Next, limits and continuity will be covered. The other major concepts of Calculus, differentiation and integration, will then be learned and applied. These topics will be covered: logarithmic and exponential functions; inverse trigonometric and hyperbolic functions; techniques of integration; improper integrals; L'Hopital's Rule; infinite series; topics in Analytic Geometry; and, polar coordinates and parametric equations. Time permitting topics in 3-dimensional space and vectors will be investigated. Partial derivatives and multiple integrals may be introduced. The student will regularly make use of graphing calculators and computer software as aides in the learning process. **This course qualifies as a course leading to an honors diploma.

Auto Math (590) --- Grade 11 ** Career Technical Program Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

This class is part of Auto Tech Prep 11 (921TL), and is open to only those students enrolled in this program. Students successfully completing this course will receive one math credit. Students will cover math related areas to be successful in the automotive field. Students must have a TI-30 or comparable capacity calculator.

SCIENCE

The recommended course sequence for the college-bound student would be:
9th grade – Physical Science
10th grade – Biology
11th grade – Chemistry I
12th grade – Advanced Physics and/or Anatomy/Physiology

The recommended course sequence for general studies or Career Tech students would be:
9th grade – Physical Science
10th grade – Biology
11th grade – Environmental Science or Zoology

Physical Science (605) --- Grade 9 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit ***** THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Students must have a calculator for this class.

This course is designed for all freshmen students. The course deals with modern principals and concepts of the nature, content, and methods of science. Topics include the periodic table of elements and the various families of elements, carbon compounds, the structure of the atom, conservation of mass, laws of motion, heat and energy, electricity. Math problem solving is an important part of this course.

Advanced Physical Science (606) --- Grade 9 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit ***** THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Students must have a calculator for this class.

REQUIREMENT: Students must have recommendation of the eighth grade science teacher in order to take this class and have completed Algebra I.
This course is designed as an accelerated, in-depth course meant for advanced freshmen students. The course deals with modern principals and concepts of the nature, content, and methods of science. Topics include the periodic table of elements and the various families of elements; carbon compounds; the structure of the atom; conservation of mass; laws of motion; heat and energy; electricity. Math problem solving is an important part of this course.

Biology (611) --- Grades 10 thru 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must have successfully complete Physical Science (605) -OR- Advanced Physical Science (?) to enroll in this class.

This course introduces students to the general concepts of cell structure and function, nature of science, basic ecology, basic biochemistry, evolution, genetics, and the diversity of life forms, microbiology (viruses, bacteria, protozoa, fungi, and algae), multi-cellular plants and invertebrate and vertebrate animals. Students may have to dissect certain organisms.

Advanced Biology (612) --- Grades 10 thru 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must have successfully complete Physical Science (605) -OR- Advanced Physical Science (606) to enroll in this class.

This course is designed as an accelerated, in-depth course meant for advanced sophomore students This course introduces students to the general concepts of cell structure and function, nature of science, basic ecology, basic biochemistry, evolution, genetics, and the diversity of life forms, microbiology (viruses, bacteria, protozoa, fungi, and algae), multi-cellular plants and invertebrate and vertebrate animals. Students may have to dissect certain organisms.

Environmental Science (620) --- Grades 11 and 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must have successfully completed Physical Science (605) AND Biology (611) to enroll in this class.

This course explores the intricate relationship between humans and the natural world. In semester 1, students will dive into the scientific principles that govern our environment, examining topics such as ecosystems, biodiversity, climate change, pollution, and resource management. Continuing in semester 2, students will investigate the relationship between human interactions with the atmosphere, geosphere, and the hydrosphere. Through hands-on investigations, collaboration, and real-world case studies, students will develop critical thinking skills, data analysis abilities, and a deeper appreciation for environmental sustainability. This course aims to foster informed citizens who can make responsible decisions to protect our planet for future generations.

Anatomy & Physiology (641) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must successfully complete Chemistry I (651) to enroll in this class.

This course is an introduction to topics in anatomy and physiology. Topics covered will include the basic organization of the body, biochemical composition, and major body systems. Dissection of organs will help students explore the 11 body systems.

Zoology (642) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: A student must have successfully passed Biology (611).

This course is designed as an advanced biology course. Students will study classification of organisms, basic microscopy and a comprehensive review of the major phyla of the animal kingdom. The first half of the year will focus on the invertebrate phyla and the second half of the year will focus on the vertebrate phyla. Research projects and dissections are a requirement.

Chemistry (650T) --- Grade 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must also be enrolled in Medical Tech Prep 12 (937T) to enroll in this class.
REQUIREMENT: Student must have a scientific calculator for this class.

This course is designed to prepare the college-bound student for future laboratory science courses and therefore requires significant effort. The course deals with atomic and molecular structure, stoichiometry, chemical bonding, the reactions that elements can undergo, periodic law, the nature of solutions, and the study of energy and matter.

Chemistry I (651) --- Grades 10 thru 12** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
REQUIREMENT: Student must be enrolled or have completed in Algebra II.
REQUIREMENT: A 10th grade student must complete Physical Science (605) with a minimum grade of "B" AND must have permission from the instructor to enroll in this class. An 11th or 12th grade students must complete Physical Science (605) with a minimum grade of "C".
REQUIREMENT: Student must have a scientific calculator for this class. Only non-programmable calculators may be used on tests.

This course deals with atomic and molecular structure, the reactions that elements can undergo, periodic law, the nature of solutions, and the study of matter. This course is designed to prepare the college-bound student for future laboratory science courses and therefore requires much effort.

Advanced Physics (661) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must have successfully completed Chemistry I (651) to enroll in this class.
REQUIREMENT: Student must have successfully complete or be enrolled in Trigonometry and Analytic Geometry (545) to enroll in this class.
REQUIREMENT: Student must have a scientific calculator for this class.
This is an algebra-based course, which deals with the interaction of matter, energy, and technology. The class will focus on the concepts of motion, force, momentum, energy, waves, electricity and magnetism conceptually, numerically, and through laboratory applications.

NAVAL JROTC

Naval Science is designed for both college-prep and general education students who are interested in developing their leadership potential. NROTC is NOT a recruiting tool for the United States Military; its mission statement is to assist students in becoming good citizens. There is NO military requirement for students who take NJROTC classes. These courses include three days per week of classroom instruction, one day of drill/military instruction, and one day of physical training. Students will wear a uniform issued by the Naval Science Department on designated days, generally one day per week. Students must be capable of participating in the physical training portion of the curriculum. Several field trips to military activities are planned each year. Extra-curricular activities include drill team, color guard, marksmanship team, academic team, athletic team, and orienteering team, all with competitions against other schools and other JROTC teams.

All students who successfully complete two years of Naval Science will earn one-half credit toward his or her Physical Education graduation requirement, satisfying that student's graduation requirement for Physical Education.

Naval Science I (701) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit

An introduction to the meaning of citizenship, the elements of leadership and the importance of scholarship in attaining life goals; teaches the discipline, teamwork, and values associated with the US Naval Service and the significance that sea power has made in the development of our nation. Curriculum: Introduction to Leadership, Naval Ships, Naval History, Organization and Mission of the Navy, Maritime Geography, Oceanography, Basic Seamanship, First Aid, and Issues Regarding Substance Abuse.

Naval Science II (702) --- Grades 10 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must successfully complete Naval Science I (701) OR a student must have permission from the instructor to enroll in this class.

This class builds on the curriculum of Naval Science I, continuing the development of leadership traits and principles. Naval Science II Cadets are promoted and assigned to junior leadership positions within the Unit.

Curriculum: Naval Leadership, Naval Orientation, Citizenship, Naval History, Naval Shipboard Organization, Naval Weapons, Meteorology & Weather, Navigation Fundamentals, Small Boat Seamanship, and Survival Training. Additionally, six to ten Cadets, selected for top leadership positions in the Unit for the following year will attend a one-week formal Basic Leadership Academy during the summer with Cadets from other schools from Ohio.

Naval Science III (703) --- Grades 11 and 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must successfully complete Naval Science II (702) OR a student must have permission from the instructor to enroll in this class.

Naval Science III Cadets are closely involved in the planning and execution of a multitude of Unit activities. Curriculum: Naval Leadership, Military Justice, Astronomy, International Law and the Sea, Sea Power and National Security, Naval History, Naval Operations, and Electricity & Naval Electronics.

Cadets selected for top leadership positions in the Unit for the following year will attend a one-week formal Leadership Academy during the summer with Cadets from other schools around the country. The Leadership Academy is conducted at Naval Training Center at Great Lakes, Illinois.

Naval Science IV (704) --- Grade 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: Student must successfully complete Naval Science III (703) OR a student must have permission from the instructor to enroll in this class.

Seniors refine their leadership skills through the practical application of what they have learned previously. Naval Science IV students set Unit goals, write the job descriptions for Cadet Leadership positions, organize and manage Unit fundraising activities, communicate with peers from other JROTC Units to plan joint functions, and assist the two Naval Science Instructors. The curriculum includes Fundamentals of Leadership and Achieving Effective Communications.

SOCIAL STUDIES

United States History (726) --- Grade 10 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

This course is the chronological study of the history of the United States from 1877 to the present. The course will emphasize domestic affairs. It will include the study of historic eras while the students consider the geographic, cultural, economic, and governmental changes that have occurred in this time span. Students will develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

World History (727) --- Grade 9 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

This course is the chronological study of world history from 1750 to the present. It will include the study of historic eras while students consider the influence of geographic setting, cultural perspectives, economic systems, and various forms of government. Students will gain a deeper understanding of their role as citizens of the world, and will continue to develop their research skills.

Advanced Placement United States History (738) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit
REQUIREMENT: 9th grade students must have an average grade of "A" in all previous Social Studies AND all previous English classes.
REQUIREMENT: 10th grade students must have an average grade of "A-" in all previous Social Studies AND all previous English classes.
REQUIREMENT: A student must have permission from the instructor to enroll in this class.

This course is highly recommended for academically talented students planning to attend college. The course is similar in content to a college course in United States History from prehistoric times to the present. It examines the political, diplomatic, social, economic, intellectual, and cultural development of the United States. There is class discussion based on textbook and outside readings. Extensive writing required. ***Students may be asked to purchase supplemental books and materials for this class.***

Current Events/Contemporary Issues (739) --- Grades 11 thru 12 ** Elective
Year Long Class, 1 Period Daily/1.0 Credit

This course will critically examine local, state, national and international current events. Students will make practical and personal connections with weekly events as they are analyzed in relation to the standards of required courses and evaluated for impact on students' lives. Topics will be explored through discussion and interaction in the classroom setting. Objectives include recognizing bias, identifying reliable sources, and creative problem solving.

Civics (743) --- Grade 11 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

This class will cover two major themes – the American government and personal financial management. Under the government theme, students will discuss the duties and responsibilities of citizenship. The class will assist students in understanding their responsibilities and duties to their society, and explore the roles that each citizen should play in order to make their community and country a better place in which to live and to work. Time will be spent exploring the organization of our federal, state, and local governments and the working relationships between these various levels of government.

The personal finance section of this class will explore the fundamentals that guide individuals (and nations) as they make choices about how to use limited resources to satisfy their wants. The Personal Finance section will examine how individuals use their knowledge and skills to manage limited financial resources effectively for lifetime financial security.

Sociology (762) --- Grades 10-12 ** Elective
Semester Long Class, 1 Period Daily / .5 Credit

The class focuses on investigating and analyzing group or social behavior. Topics of study will include social problems, conformity, deviance, roles, relationships, groups, cultures, marriage, family, discrimination, poverty, crime, religion, the media, science, and sport. Current events will be studied as they relate to sociological concepts. The student will be required to participate in discussions, individual and group projects, and to utilize sociological research methods.

Psychology (761) --- Grades 10-12 ** Elective
Semester Long Class, 1 Period Daily / .5 Credit

Psychology will introduce the student to the field of psychology. It will concern itself with the question: "Why do individuals do what they do?" Topics include: "What is Psychology?" misconceptions of psychology, how we learn, theories of personality development, and altered state of consciousness. The course is designed to prepare the student for college level psychology. The course should prove beneficial to any students considering a career in the various social services or helping professions.

Cold War () --- Grades 9-12 ** Elective
Semester Long Class, 1 Period Daily / .5 Credit

This course explores the history of the conflict between the United States and the Soviet Union from 1945 to 1991, including its origins, major events, and consequences. Students will examine the ideological and geopolitical competition, the arms race, proxy wars, espionage, and the impact on global politics, culture, and society. Students will analyze of the impact of the Cold War on different regions and the legacies that continue to influence the modern world.

World Wars () --- Grades 9-12 ** Elective
Semester Long Class, 1 Period Daily / .5 Credit

This course will explore the causes, events, and profound global impacts of World War I (1914-18) and World War II (1939-45), examining military strategy, political shifts, societal transformations, technological innovations, cultural mobilization, and lasting legacies like the Cold War, focusing on both European/Pacific theaters and global interconnectedness.

SPECIAL SERVICES

Applied Social Studies (810) --- Grades 9 thru 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

All students are required to take three credits of Social Studies in order to graduate. Applied Social Studies course work is individualized to meet the needs and abilities of each student enrolled in the course. Among the courses which will be covered during Grades 9-12 are Applied World History (834), Applied U.S. History (831), and Applied Government (835) utilizing the Extended Ohio Academic Content Standards.

Applied English (811) --- Grades 9 thru 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

All students are required to take four credits of Language Arts in order to graduate. The Applied Language Arts course work is individualized to meet the needs and abilities of each student enrolled in the course. The following areas will be addressed as they relate to the **Extended Ohio Academic Content Standards** and the situations that the students will encounter in their daily living and job situations:

--- Survival Reading Skills --- Vocabulary Development --- Reading Comprehension
--- Basic Writing Skills --- Completing Forms --- Grammar
--- Communications Skills --- Listening Skills

Applied Science (812) --- Grades 9 thru 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

All students are required to take three credits of Science in order to graduate. The Applied Science course work is individualized to meet the needs and abilities of each student enrolled in the course. Among the courses which will be covered during Grades 9-12 are Applied Physical Science (851), Applied Biology (853), and Applied Geology (854) utilizing **the Extended Ohio Academic Content Standards.**

Applied Mathematics (813) --- Grades 9 thru 12 ** Requirement
Year Long Class, 1 Period Daily / 1.0 Credit

All students are required to take four credits of Mathematics in order to graduate. The Applied Mathematics course work is individualized to meet the needs and abilities of each student enrolled in the course. An emphasis is placed on the **Extended Ohio Academic Content Standards**. The following are examples of the units of study that may be offered: Basic Computation, Calculations of Time and Money, Money Management, Making Purchases, Using Common Measures, Application of Math Skills, and, Appropriate Use of the Calculator.

Career Exploration (814) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit

The emphasis of the course is to teach those basic job skills that will help the student move into higher-level job training courses or prepare them for an entry-level job. All of the job stations are in-house and are supervised by the intervention specialist or para-professional.

Social Skills (899) --- Grades 09 thru 12 ** Elective
Year Long Class, 1 Period Daily/1.0 Credit

This is an elective course that enhances a student's social skills. Students in this course will explore appropriate social interactions in a variety of settings. This course will explore coping mechanisms and strategies for its students.

Project Life (814) --- Grades 11 and 12 ** Career Technical Program
Year Long Class, 6 Periods Daily/6 credits

Project LIFE 101 is a combined education (Introduction to Job Training) and work experience (Fundamentals in Job Training) program for students with disabilities. Project LIFE 101 is focused on building the foundational skills that students will need for employment and independence in adulthood. The program uses classroom instruction to teach students daily living skills and entry-level job training experiences in a variety of community businesses. Students have the opportunity to earn elective credits and seals toward graduation.

Applied Health (841) --- Grades 09 thru 12 ** Requirement
Semester Long Class, 1 Period Daily/.5 Credit

The Applied Health course discusses health-related questions that occur in daily life. Curriculum and instructional materials are adapted to meet the needs of the individual students. Areas covered include basic first aid, hygiene and grooming, prevention of disease, nutrition and fitness, safety, and accessing medical and dental care.

Applied Financial Literacy (842) --- Grades 09 thru 12 ** Requirement
Semester Long Class, 1 Period Daily/.5 Credit

This course will be required beginning with the Class of 2026. Students will develop the ability to make informed and reasoned financial decisions; become prepared for their role as decision-makers as consumers; and act responsibly as consumers and investors and best utilize their limited resources. Curriculum and instructional materials are adapted to meet the needs of the individual students.

Music Appreciation (843) --- Grades 09 thru 12 ** Elective
Year Long Class, 1 Period Daily/1.0 Credit

Students studying Music Appreciation will respond to aesthetic qualities of a performance and examine how people from different backgrounds and cultures use and respond to music. Curriculum and instructional materials are adapted to meet the needs of the individual students.

TRADE AND INDUSTRY

All programs are open to boys and girls. SKILLS USA is a youth club which is an important part of the programs to develop leadership and civic responsibility. HOSA, the Health Occupation Students of America, is a student organization, which offers students the opportunity to develop leadership skills in the health industry. Students are urged to become involved in one of these organizations.

Exploring Transportation (904) --- Grades 9 and 10 ** Elective
Semester Long class, 1 Period / 0.5 Credit

This semester class will explore planes, trains, automobiles and all other forms of transportation used in our daily lives. We will also study basic understanding of 2 and 4 stroke engines as well as basic hand tool identification and uses.

Introduction to Automotive Technology (920) --- Grades 9 and 10 ** Elective
Semester Long Class, 1 Period Daily / 0.5 Credit
REQUIREMENT: Student must have permission from the instructor to enroll in this class.

This course prepares students for an education in automotive technology, with special attention paid to the personal and environmental safety issues student will face. Students will be exposed to the basics of tools and equipment use and safety, and will be introduced to several of the concepts, opportunities, and challenges in the field of automotive technology.

Auto 11 (921) --- Grades 11 and 12 ** Career Tech
Year Long Class, 5 Periods Daily / 5.0 Credits
CLASSES: **English 11 (240A), Auto Math (590), Integrated Earth Science (615A),** and **Auto 11 Lab (922)**

Automotive Technology is a two-year program designed for students interested in Automotive Technology as a career. Auto 11 covers shop safety and three areas of Auto Service Excellence (A.S.E.). Students are taught to work in the fields of Brakes, Engine Repair, Steering and Suspension, Preventative Maintenance, and Customer Service and Satisfaction. Shop safety, equipment, and communication for Auto Tech will be taught in each area. This live working lab is a real-life workplace.

This program consists of 6 periods per day: 2 periods in the lab, 1 period of auto related instruction; and 1 period each of Applied Math, Science, and English. The lab has 20 computers with internet access for automotive information. Each student will be furnished a toolbox and hand tools for use while in the auto program at no charge.

Auto 12 (923) --- Grade 12 ** Career Tech / A.S.E. Student Program

Year Long Class, 4 Periods Daily / 4.0 Credits
CLASSES: **English 12 (246A)** and **Auto Lab 12 (924).**

The second year of the automotive program will cover four areas of Automotive Service Excellence (ASE): electrical engine performance, manual transmissions and drive axles, automatic transmissions, and automobile heating and air conditioning. Upon completion of this program, students are ready to work in an entry-level position in the automotive field. Early placement is possible for students who meet required criteria. This program also includes the A.S.E. internship, which allows eligible students to attend regular classes for academic studies and report to the work site for the lab portion of studies.

A two-year Certificate of Completion is given to each student who successfully completes this course. Seniors will take the A.S.E. student certification exams at the end of the program.

Construction Technology – Core and Sustainable Construction (940) --- Grades 9 and 10 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Students will learn principles in basic safety (10-hr OSHA), construction math, hand and power tool safety and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices.

Construction Tech Prep 11 --- Grades 11 and 12 ** Career Technical Program
Year Long Class, 2 periods Daily / 2.0 Credits ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
CLASSES: **Carpentry and Masonry Technical Skills (941)** and **Plan Reading and Estimating (942)**

This two-year program concentrates on multiple foundations and fundamentals of entry-level processes of construction technology. In the first year, students are introduced to materials, methods and equipment used in carpentry and masonry. Students will also learn blueprint reading as it relates to the architecture and construction. Students will also develop an estimate of material, time, personnel, and equipment needs, availability and cost.

Construction Tech Prep 12 --- Grade 12 ** Career Technical Program
Year Long Class, 2 periods Daily / 2.0 Credits ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
CLASSES: **Facility and Building Maintenance (943)** and **Mechanical, Electrical and Plumbing Systems (944)**

The second year of this program concentrates on students exploring many basic skills involved in construction of a building. Students learn physical principles and fundamental skills across mechanical systems in construction, basic electrical circuits, copper and plastic plumbing fixtures, and the operation and maintenance of heating and cooling.

Foundations in Engineering (902) --- Grades 9 and 10 ** Elective
Year Long Class, 1 Period Daily / 1.0 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

This class is intended for but not limited to 9th and 10th grade students. Foundations of Engineering is intended to prepare students for a specific career focus and to help them to establish the secondary and post-secondary pathways needed to make a successful transition from school to work. The content and methods of the course will emphasize problem-solving, communication, applying technology, working responsibly, planning, and managing resources. The student will work on real products and projects simulating real world working environments.

Engineering Tech Prep 11 --- Grades 11 and 12 ** Career Technical Program
Year Long Class, 2 periods Daily / 2.0 Credits ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS***
CLASSES: **Engineering Design (???)** and **Machine Tools (911)**
REQUIREMENT: Student must complete English 9 (200) and English 10 with a grade of "C" or better.
REQUIREMENT: Student must complete Algebra I (515) with a grade of "C" or better.
REQUIREMENT: Student must complete Physical Science (605) with a grade of "C" or better.
REQUIREMENT: Student must successfully complete or be enrolled in Formal Geometry (523).

This intensive two-year technology program concentrates on multiple foundations and fundamentals of entry-level processes of engineering. These transferable processes include program concentration in Computer Aided Drafting & Design (CADD), Material Science, Computer Skills, Basic Electronics, and Robotics. The curriculum is delivered using hands-on oriented projects, utilizing the latest high tech equipment. Students will participate in Skills USA (a student organization) and various competitions. Any student interested in a career in engineering or technology will benefit from this program. Upon graduation, successful students may earn a two-year associate degree in engineering technologies at Edison or Sinclair.

Engineering Tech Prep 12 --- Grade: 12 ** Career Technical Program

Year Long class, 2 Periods Daily / 2.0 Credits
CLASSES: **Engineering Principles (913)** and **Manufacturing Operations (912)**
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
REQUIREMENT: Student must be enrolled in a Mathematics class.

This is the second year of the intensive two-year technology program. This year an emphasis will be placed on Programmable Logic Controllers, Project Management, Manufacturing Processes, Welding, Turning, Milling, Foundry, CNC, Electronics Workbench, as well as CADD and Robotics. The curriculum is delivered using hands-on oriented projects, utilizing the latest high tech equipment. Students may also gain paid experience through early placement during the second semester. Students will participate in SkillsUSA (a student organization) and various competitions. Upon graduation, successful students may choose to continue their education at Sinclair Community College or Edison Community College; both of these schools have articulation agreements with Greenville and provide the students with scholarship opportunities. There is also an agreement and scholarship in effect with the University of Dayton, if the student wishes to continue their education beyond an associate degree.

Manufacturing Operations (914) --- Grades 9 thru 12 ** Elective
Year Long Class, 1 Period Daily / 1 Credit ** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***

Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, maintenance and safety. This course could be approved as part of a pre-apprenticeship program.

Medical Tech Prep 11 (936T) --- Grades 11 and 12 ** Career Tech Program
Year Long Class, 3 Periods Daily / 3.0 Credits
** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
CLASSES: **Anatomy & Physiology (633T)** and **Medical Tech Prep (936T)**
REQUIREMENT: Student must complete Biology (611) with a grade of "C" or better.
REQUIREMENT: Student must complete English 10 (201) with a grade of "C" or better.

This intensive two-year program, which begins in a student's junior year, will provide the foundation skills for work in many health career occupations. The course will include medical law and ethics, career exploration, and the Ohio Department of Health nurse aide curriculum. Upon successful completion of this course, students will receive a certificate that enables them to register for the State Nurse Assistant Test. The course will be taught by a licensed health care professional. Students enrolling in this program will also be expected to enroll in the tech prep science class concurrently. Students will participate in Health Occupation Students of America (HOSA), a student organization with competitions. Community service will be required.

Medical Tech Prep 12 (937T) --- Grade: 12 ** Career Tech Program
Year Long Class, 5 Periods Daily / 5.0 Credits** ***THERE IS A FEE ASSOCIATED WITH THIS CLASS.***
CLASSES: **Chemistry (650T)** and **Medical Tech Prep 12 (937T)**
REQUIREMENT: Student must have successfully completed Medical Tech Prep 11 (936T).
REQUIREMENT: Student must be enrolled in Medical Tech Prep Chemistry (650T).
REQUIREMENT: Student must be enrolled in a Mathematics class.

This program is a continuation of Medical Tech Prep 11, and will further develop the skills and knowledge necessary for a health career. The hands-on class will be taught by a licensed health care professional, and will include CPR and First Aid. The student will have the opportunity to ***experience*** off site medical work environments in nursing, physical therapy, radiology, medical laboratory, respiratory, pharmacy, dental, veterinary, and mental health services. Medical mentorships in areas of individual student interest will also be part of this senior year program. Students enrolling in this program will be expected to enroll in the tech prep science class concurrently. Students will participate in Health Occupation Students of America (HOSA), a student organization with competitions. Community service will be required. Students will have the opportunity to obtain the Phlebotomy Technician certification upon the successful completion of the training.