Green High School

Curriculum Guide and Course Descriptions Fall 2024

Requirements for the Class of 2028

Registration for courses is a very important part of a student's education experience. Constant care and consideration must be given to selecting the schedule that will best prepare the student for his/her post-high school plans. This guide has been developed for the use of students, parents, teachers and counselors to aid in the selection of the proper course of study. Hopefully, it will help to answer some of the many questions that will arise as you make your decisions. For further assistance, please contact the Green High School Student Services at 330- 896-7545.

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

TABLE OF CONTENTS ***PAGE***

Advanced Placement Courses …… 12

Air Force JROTC …….. 42

Athletic Eligibility …… 9

Awards and Honors …… 7-8

Business Courses …….. 39-40

College Credit Plus (CCP) …… 13-15

College Preparation ……... 9

Computer Courses …….. 40-41

Credit Flexibility …….. 11

Credit Policy …… 5

Grading Scale/Policy …….. 5

Graduation Requirements …… 2-4

Language Arts Courses …… 16-19

Mathematics Courses …… 20-22

NCAA Approved Course List …… 10

Ohio State Tests/End of Course Exams…….. 12

Performing Arts Courses …….. 34-35

Physical Education & Health …… 36

Physical Education Waiver ……... 9

Portage Lakes Career Center ……... 11, 43-47

Schedule Change Policy …… 6

Science Courses …….. 23-25

Social Studies Courses …… 26-28

Special Education Courses …….. 33

Telecommunication Courses ……... 41

Visual Arts Courses …… 37-38

Vocational Related Courses……... 39-41

World Language Courses …… 29-32

GREEN HIGH SCHOOL GRADUATION REQUIREMENTS

It is the policy of the Green Board of Education to require 23 credits to be eligible for graduation. Within the 23 credits, students must successfully complete the following:

4 credits of English/Language Arts
4 credits of Math (these must include one credit of Algebra 2 or its equivalent)
4 credits of Science (these must include1 credit of life science and 1 credit of physical science)
4 credits of Social Studies (these must include 1 credit of American History, 1 credit of World History, and 1 credit of Government)
.5 credit of Physical Education (unless excused by a physician or completion of PE Waiver)
.5 credit Health
.5 credit Financial Literacy
1 credit or two .5 credits from Business/Technology, Fine Arts or World Language

Ohio Graduation Requirements

Testing Requirements
Students must complete the Algebra I and English II Ohio State Tests and earn at least a score of 684 on each test. Students will still complete the Ohio State Tests in the same areas that they have tested in the past. Earning a qualifying score on these tests may help them earn a Diploma Seal. All of the required tested areas include: Biology, US History, Geometry, Government and the aforementioned Algebra I and English II.

Diploma Seal Requirements
There are twelve available seals. A student must earn two seals in order to graduate. (1 State and 1 Local or 2 State.) Please review the attached table which displays all of the available seals and the qualifying criteria for each seal.

Diploma Seal Information

Students must earn 2 seals

STATE DIPLOMA SEALS

(Must earn at least ONE from the list)

Honors Diploma Seal	See the GHS Curriculum Guide
Seal of Biliteracy	English + additional World Language Competency
Ohio Means Jobs Career Readiness Seal	Demonstrate proficiency in 15 identified professional skills, use the Ohio Means Jobs Seal paperwork to demonstrate each criteria met; work with a mentor to validate each skill in multiple environments (work, school, community)
College-Ready Seal	Earn remediation free test scores on either the ACT or SAT: **ACT** scores: English 18+, Reading 22+, Math 22+ **SAT** scores: Evidence Based Reading and Writing 480+; Math 530+

Technology Seal	Earn a 2 or higher on an appropriate AP exam, earn a B or higher in a CCP technology course, OR complete a district-developed technology course
Military Seal	2 or more years in JROTC **OR** enlist in a branch of the Armed Services
Citizenship Seal	Score a 3 or higher on the American History AND Government state tests OR on the AP exams OR a B or higher in a CCP American History or Government
Science Seal	Score a 3 or higher on the Biology state test or on the AP exam OR a B or higher in an Advanced Science course
Industry Credential Seal	Earn a 12-point industry recognized credential or earn a group of credentials totaling 12+ in a single career field through a career tech program (Portage Lakes Career Center)

LOCAL DIPLOMA SEALS

Community Service Seal	Complete a minimum of 10 approved community service hours **WITH** an advisor verification signature; form will be available in the Student Services office
Students Engagement Seal	Complete 3 seasons of one or a combination of extracurricular activity **WITH** an advisor verification signature; form will be available in the Student Services office
Fine Arts Seal	Earn a C or higher in 3 Art classes OR 2 years in Band or Choir OR participate in 3 Drama/Musical Theater performances OR a combination of 3 performing and fine art options

Standards For Students Who Wish To Attend Portage Lakes Career Center

It is recommended that a student must have 11 credits to attend the PLCC. If a credit deficiency exists, the student must receive permission from the administration of the PLCC and Green High School and make arrangements to make up deficiencies at summer or night school. Students wishing to attend the PLCC should meet the requirements listed below in their first two years at Green High School.

2 credits English/Language Arts
2 credits Science
2 credits Math
2 credits Social Studies
.5 credit Physical Education (or Physical Education Waiver)
.5 credit Health
.5 credit Financial Literacy

Graduation Requirements for Students Enrolled at Portage Lakes Career Center During their Junior and/or Senior Year

1. It is the policy of the Green Board of Education to require 23 credits to be eligible for graduation. A total of 16.5 credits as listed below and the remaining 6.5 credits can be earned in the student's vocational training, additional academic credits at the PLCC or electives earned at Green High School. Students will be required to earn satisfactory grades in vocational training and all academic classes needed in order to be eligible for the State of Ohio Vocational Certificate.

   4 credits of English/Language Arts
   4 credits of Math (these must include one credit of Algebra 2 or its equivalent)
   3 credits of Science (these must include 1 credit of life science and 1 credit of physical science)
   3 credits of Social Studies (these must include 1 credit of American History, 1 credit of World History, and 1 credit of Government)
   .5 credit of Physical Education (unless excused by a physician or completion of PE Waiver)
   .5 credit Health
   .5 credit Financial Literacy
   1 credit or two .5 credits from Business/Technology, Fine Arts or World Language

2. Students must take Ohio State Tests in the following subjects:

   Algebra 1
   Geometry or Honors Geometry
   Biology or Honors Biology
   American History or Honors American History
   American Government
   English II (Language Arts 10 or Honors Language Arts 10)

Credit Policy

In order to receive a passing grade and credit for a course, a student must:

1. Take the final examination
2. Earn a final mark of D - or better
3. Make up all incompletes within 5 week days following the conclusion of the course.

The principal may grant an extension to #3 above if extenuating circumstances exist. Failure to meet the above conditions will result in a failing grade for the course.

Green High School students are required to maintain a full class schedule. A full class schedule is defined as enrollment in at least 5 classes per semester.

Credits Earned Outside Of Green High School

Students considering enrollment at night or summer school, must have the principal's written approval prior to registering for a course.

Grading Scale at GHS

All staff will use the following grading scale:

Letter Grade	Percentage Range	College Prep Quality Points	Honors Courses Quality Points	Advanced Placement Quality Points
A+	98-100	4.33	4.83	5.33
A	93-97	4.00	4.50	5.00
A-	90-92	3.67	4.17	4.67
B+	87-89	3.33	3.83	4.33
B	83-86	3.00	3.50	4.00
B-	80-82	2.67	3.17	3.67
C+	77-79	2.33	2.83	3.33
C	73-76	2.00	2.50	3.00
C-	70-72	1.67	2.17	2.67
D+	67-69	1.33	1.33	1.33
D	63-66	1.00	1.00	1.00
D-	60-62	.67	.67	.67
F	Failing	0	0	0

GHS Grading Policy

At GHS, grades are computed for classes using the 80/20 policy. In each class, 80% of a student's grade is based on academic achievement scores, and 20% of the student's grade reflects practice scores.

College Credit Plus Grading Policy

See College Credit Plus (CCP) section on page 13 for an explanation of college course grading. Please note per the Ohio Board of Regents, AP and CCP courses earn the same quality points in applicable subject areas,

Green High School Schedule Changing Guidelines:

In order to provide the greatest opportunity for students to schedule appropriately and to maximize instructional time, the following guidelines have been established for schedule changes.

1. The last day of school (of the previous school year) will be the deadline to initiate schedule changes. Students and parents will receive a confirmation of scheduled classes in late May. Families should use this notification to review their student's schedule and request changes when appropriate.

2. Schedule corrections will only be performed after the deadline in the following circumstances:
    a. A course that was on the student's selection sheet has been omitted.
    b. A course is scheduled that the student had not selected.
    c. Too many or too few courses are scheduled.
    d. Lunch is not scheduled.
    e. Student has not met the prerequisite of a course.
    f. Students have completed/not completed a course in summer school.

3. Schedule changes from one course to a more or less difficult one within a content area can be requested the tenth day of school and in accordance with the following:
    a. After the 10th day of school and through the first interim, students may request to change to a different level of course. Student/parent initiated changes will not be honored after the 5th week of school.
    b. All requests must be made in writing to the student's counselor bearing the student's signature, as well as a parent signature, and the signature of the teacher from whom the student is transferring.
    c. If there is a disagreement among the academic team (student, parent, teacher, counselor), a conference with a principal will be scheduled.
    d. All changes under this circumstance are also subject to seat availability.
    e. Teacher initiated changes may be made through the 2nd grading period.
    f. Grades accumulated in the course from which the student transfers will be given to the teacher of the course in which the student enrolls. Accumulated grades will be transferred to the new course and used in calculating the grade in the new course.
    g. Schedule change requests in this capacity will not be honored for students who have failed to appropriately participate in classroom activities, school offered tutoring, and/or failed to complete assignments.
    h. Administration, teacher and/or counselor discretion during senior year.

4. In specific hardship circumstances, students may request a schedule change after the last day of school deadline. Students must complete the "Extraordinary Circumstances Schedule Change Request" within the first 10 days of either semester. This form is available in the School Counseling office and online. The request will be reviewed and presented to the GHS Department Chairs for consideration.

Senior Awards and Recognitions

Distinguished Scholar Award

Special recognition is granted to students who meet the following Distinguished Scholar criteria:

4 credits of English/Language Arts
4 credits of Social Studies (must include American History, World History, and Government)
4 credits of Science (must include TWO of the following: Any Chemistry, Any Physics, Honors Anatomy or any AP Science or College Level Science)
4 credits of Math (must include one of the following: Pre calculus, Calculus, AP Statistics, College Algebra or Trigonometry)
3 credits of World Language or 2 credits each of two languages
1 credit Visual or Performing Arts
.5 credit of Financial Literacy
A minimum grade point average of 3.3

Academic Wall Of Fame

Students who meet the following criteria will have their picture hung on the Academic Wall of Fame:

GPA of 4.0 or higher at the end of their 8th semester AND a composite score of 30 on the ACT or a composite score of 1350 on the SAT.

Any student who receives National Merit Finalist standing will automatically qualify.

Honor Cords

Graduating seniors will receive honor cords for the following:

Distinction	**Cord Color**
National Honor Society	Gold
Wall of Fame	Burgundy
National Technical Honor Society	Purple/Silver
Cum Laude (GPA 3.5-3.74)	Orange
Magna Cum Laude (GPA 3.75-3.99)	White
Summa Cum Laude (GPA 4.00 and above)	Purple

Graduation Speaker

A student will be selected to give the Graduation Farewell speech on behalf of his or her classmates. Any student may submit a blind submission for evaluation by our faculty council. The faculty council will select one student's entry to be delivered at the GHS Commencement ceremony.

Class of 2026 & Beyond
Honors Diploma Pathways

Students must meet <u>all but one criteria</u> listed in a specific pathway to qualify for an honors diploma - unless noted otherwise

Requirements	Academic	Career Tech	STEM	Arts	Social Studies / Civics
Mathematics	**4 credits** 4th credit must be above the Algebra II level	**4 credits** 4th credit must be above the Algebra II level	**4 credits** Algebra I, Geometry, Alg. II (or equivalent), and **ONE** other higher-level course	**4 credits** 4th credit must be above the Algebra II level	**4 credits** 4th credit must be above the Algebra II level
Science	**4 credits** Including 2 credits of advanced science[1]	**3 credits** Including 1 credit of advanced science[1]	**4 credits** Including 2 credits of advanced science[1]	**3 credits** Including 1 credit of advanced science[1]	**3 credits** Including 1 credit of advanced science[1]
Social Studies	**4 credits**	**4 credits**	**3 credits**	**3 credits**	**5 credits**
World Languages*	**3 credits** of **ONE** language **OR** **2 credits** of each of **TWO** languages	**2 credits** of **ONE** language	**3 credits** of **ONE** language **OR** **2 credits** of each of **TWO** languages	**3 credits** of **ONE** language **OR** **2 credits** of each of **TWO** languages	**3 credits** of **ONE** language **OR** **2 credits** of each of **TWO** languages
Fine Arts	**1 credit**	**NA**	**1 credit**	**4 credits**	**1 credit**
Electives	**NA**	**4 credits** of Career Tech	**2 credits** with a focus in STEM	**2 credits** with a focus in Arts	**NA**
GPA* (4.0 scale & unweighted)	3.5	3.5	3.5	3.5	3.5
ACT* or SAT* or WorkKeys* (can superscore)	27 ACT **or** 1280 SAT (can use superscore)	27 ACT **or** 1280 SAT[3] **OR** WorkKeys: earn a score of 6+ on all three sections)	27 ACT **or** 1280 SAT (can use superscore)	27 ACT **or** 1280 SAT (can use superscore)	27 ACT **or** 1280 SAT (can use superscore)
Industry Recognized Credential	**NA**	Earn an industry-recognized credential **OR** achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	Earn an industry-recognized credential	**NA**	**NA**
Diploma Seals	Earn a total of 4 seals beyond the Honors Diploma Seal (5 seals total)	Industry Recognized Credential Seal OR Technology Seal	Industry Recognized Credential Seal **OR** Technology Seal **OR** possibly Fine Arts Seal	Fine Arts Seal	Community Service Seal **AND** Citizenship Seal
Experiential Learning Component Students must complete **ONE** of the following items regardless of pathway	**OMJ Career Readiness Seal** *If selected, the seal cannot count as one of the two required additional Diploma Seals		**Field Experience** Complete a field experience and document the experience in a portfolio specific to the student's area of focus		
	Portfolio Develop a comprehensive portfolio of work based on their field experience or a topic related to the student's area of focus that is reviewed and validated by external experts		**Work Based Learning** Develop a comprehensive portfolio of work based on their field experience or a topic related to the student's area of focus that is reviewed and validated by external experts		

***Student Strength Demonstration Options** **GPA** or **ACT /SAT/WorkKeys** or **World Language** requirement can be replaced with one item below-					
12 CCP Credits ***OR*** *CTAG credits earned (related to pathway)*	*Three AP test scores of 3+*	*Pre/Apprenticeship completion or evidence of acceptance into apprenticeship program post HS*	*WorkKeys score of 6+ (Cannot count for CT Pathway)*	*ASVAB score of 50+*	*250+ hours of Work-Based Learning*

[1] **Advanced Science includes:** Earth Sci, Ecology, Bio Apps, Chemistry, Physics, Honors Anatomy, STEM, any AP Sci, or College Level Sci.

Green High School Academic Eligibility

To be academically eligible for participation in co-/extracurricular activities, a student must abide by the following:

1. Students will need to meet academic eligibility requirements as outlined by the Ohio High School Athletic Association (OHSAA). This requires passing grades (the previous grading period) in a minimum of five one-credit courses or the equivalent, which counts toward graduation.
2. In addition to the OHSAA eligibility requirements, the Green Board of Education has implemented the GPA requirement of 2.0 Those athletes that have a GPA below a 2.0 must enroll in the Green Academic Assistance Program (G.A.A.P.). The G.A.A.P. program will be required for the following GPAs
   GPA of 1.5-1.99 will require 4 hours of G.A.A.P. tutoring per week
   GPA of 1.0-1.49 will require 6 hours of G.A.A.P. tutoring per week
   GPA below 1.0 will be declared ineligible
3. IEP students must meet this standard in all adjusted coursework or comply with specification of the IEP.
4. Students who receive an incomplete may be ineligible until they meet the academic standard outlined above.
5. Summer school grades earned may not be used to substitute for failing grades or lack of coursework from the last grading period of the regular school year.
6. In order for a student to be eligible to participate in an extracurricular activity, they must be in attendance for the **last half** of the school day that the event will be played on.
7. It is the student's responsibility to select a course schedule which meets eligibility requirements.

Physical Education Waiver

Students who have participated in interscholastic athletics, marching band or cheerleading/dance team for at least 2 full seasons or the Junior Reserved Officer Training Corps (JROTC) program for 2 years as defined in the Green High School Handbook, while enrolled in grades 9 through 12, and as documented by the Green High School Administration, may be excused from the high school physical education requirement. Students electing such an excuse shall complete 1/2 unit of at least 60 hours of instruction in another course of study which is designated by the Board as meeting the high school curriculum requirements. (GLS Board Policy 5460 Graduation Requirements)

Preparing For College

Green High School's graduation requirements provide excellent preparation for future college curriculum. Keep in mind that colleges consider final grades from coursework taken in grades 9—12 when making admission and scholarship decisions. Students who plan on attending a college/university should pay close attention to the minimum recommended college preparatory program below:

Minimum Recommended College Preparatory Program

English	4 credits (emphasis on composition)
Mathematics	4 credits (a mathematics course should be taken during the senior year)
Science	3 credits
Social Studies	3 credits
World Language	2 or 3 credits
Visual/Performing Arts	1 credit (art, choir, theory, appreciation, speech, drama, photography, industrial arts, drawing)

These requirements are subject to change and will vary from one college or university to another and from one major to another. Students not following these recommendations will continue to be admitted but, most likely, will be given diagnostic testing to determine whether or not deficiencies exist. If deficiencies are revealed, students would be expected to make them up in addition to their regular degree program - usually within the first year of studies.

NCAA List Of Approved Core Courses

English	Social Studies	Math	Science	World Language
LANGUAGE ARTS 1B	AMERICAN HISTORY 1B	ALGEBRA 1B	PHYSICAL SCIENCE 1B	FRENCH 1
LANGUAGE ARTS 2B	MODERN WORLD HISTORY 2B	GEOMETRY 2B	BIOLOGY 2B	FRENCH 2
LANGUAGE ARTS 3B	AMERICAN GOVERNMENT 3B	ADVANCED QUANTITATIVE REASONING	ENVIRONMENTAL SCIENCE 4B	FRENCH 3
LANGUAGE ARTS 4B	AMERICAN HISTORY	ALGEBRA 1	AP BIOLOGY	FRENCH 4
AP LANGUAGE AND COMPOSITION	AP WORLD HISTORY	ALGEBRA 2	AP ENVIRONMENTAL SCIENCE	FRENCH 5
AP LITERATURE & COMPOSITION	CURRENT ISSUES AND EVENTS	AP STATISTICS	BIOAPPS	FRENCH/AP
ENGLISH COMP 1-DE	EUROPEAN HISTORY/AP	CALCULUS	BIOLOGY 1	GERMAN 1
ENGLISH COMP 2-DE	GOVERNMENT	CALCULUS/AP	CHEMISTRY	GERMAN 2
FUNDAMENTALS OF SPEECH	GOVERNMENT/AP	COLLEGE ALGEBRA	CHEMISTRY/AP	GERMAN 3
HONORS LANGUAGE ARTS 10	HONORS AMERICAN HISTORY	GEOMETRY	EARTH SCIENCE	GERMAN 4
HONORS LANGUAGE ARTS 11	MODERN WORLD HISTORY	HONORS ALGEBRA 2	ECOLOGY	GERMAN 5
HONORS LANGUAGE ARTS 9	PSYCHOLOGY	HONORS GEOMETRY	GEN COLLEGE PHYSICS-DE	HONORS FRENCH GRAMMAR / AP PREP
INTRO PUB SPEAK-DE	PSYCHOLOGY/AP	HONORS PRECALCULUS	GEN UNIVERSITY PHYSICS-DE	SPANISH 1
JOURNALISM	SOCIOLOGY	PRE-CALCULUS	GENERAL PHYSICS	SPANISH 2
LANGUAGE ARTS 10	STREET LAW	STATISTICS	HONORS ANATOMY	SPANISH 3
LANGUAGE ARTS 11	THE AMERICAN PRESIDENCY	TRIGONOMETRY	HONORS BIOLOGY	SPANISH GRAMMAR/ AP PREP
LANGUAGE ARTS 12	US HISTORY/AP	DATA SCIENCE	HONORS CHEMISTRY	SPANISH 4
LANGUAGE ARTS 9		QUANT. REASONING	HONORS PHYSICS	SPANISH/AP
SHAKESPEARE			HUMAN BIOLOGY-DE	
			PHYSICAL SCIENCE	
			STEM	
Updated 12/13/22				

IMPORTANT: Students should register with NCAA Eligibility Center (Clearinghouse) during the summer between their Junior and Senior year. (ncaa.org)

The NCAA has adopted new legislation that will require prospects who intend to enroll at NCAA Division I and Division II institutions to supply ACT or SAT scores to the Clearinghouse directly from the testing agencies. **Test scores on an official high school transcript will no longer be accepted for NCAA purposes.**

NAIA

Students who wish to participate in athletics at a member institution will need to be certified by the NAIA Eligibility Cen-

Green High School/Portage Lakes Career Center

GHS and the PLCC work very closely to provide students with the best possible preparation for post secondary employment, further vocational training, junior college or college admission. Besides the traditional two-year program at PLCC, Green High School students can also find other programs to suit their needs. Some of these may require the students to attend a class at PLCC during the course of the day or the program might be offered at GHS and become a part of the normal GHS student's regular day. Hopefully with this cooperation between the two institutions, students will graduate from GHS and be prepared for their next important step into the world of work or further education. **Please note that students in need of End of Course test remediation, will not be eligible for full day placement at the PLCC**.

Portage Lakes Career Center Admission Procedures

1. All Green students who demonstrate the ability and interest to attend the Career Center are encourage to submit an Application for Admission to the school.
2. Applications for Admissions can be submitted the following ways:
    A. Apply online at www.plcc.edu.
    B. Download the Application for Admission at www.plcc.edu. Applications may be mailed (Portage Lakes Career Center, 4401 Shriver Road, Uniontown, OH 446895), faxed (330-896-8297), or returned to home school counselors' office.
    C. Obtain Application for Admission at home school counselors' office. Applications may be mailed (Portage Lakes Career Center, 4401 Shriver Road, Uniontown, OH 446895), faxed (330-896-8297), or returned to home school counselors' office.
    D. Obtain Application for Admission form Portage Lakes Career Center Student Services Department at 330-896-8241.
3. Applications received by March 15th from students meeting the admission requirements will be considered for selection.
   Applications received after March 15th will be considered late applications and will be processed as follows:
    A. Placed into the program if there is an opening.
    B. Placed on the waiting list for programs that have been filled.
    C. Considered for placement until the second Friday after the opening day at PLCC.
4. After submitting an application, it is necessary for the student to officially withdraw his/her application if the decision is made not to attend the Career Center.

Credit Flexibility

In accordance with Senate Bill 311 passed in 2007, The Green Local Board of Education has adopted a plan enabling students to earn units of high school credit based on demonstrating subject area competency instead of, or in combination with completing hours of classroom instruction. Students may earn credits through any combination of the following: Completion of coursework, testing out of otherwise demonstrating mastery, or through completion of a locally approved personal learning plan. Students and parents should seek information about these options from their school counselor. Complete Credit Flexibility documentation can be accessed at www.greenlocalschool.org/ghs. See Academic Information on the GHS Student Services webpage.

Ohio State Tests
And Standardized Testing

OHIO STATE TESTS : All students must take the Ohio State Tests.
These assessments will be given to students in the following courses:

English II (Language Arts 10 or Honors Language Arts 10)
Algebra I
Geometry or Honors Geometry
Biology or Honors Biology
American History or Honors American History
Government

For more information on Ohio's latest updates regarding graduation requirements and testing, visit the Ohio Department of Education's website at education.ohio.gov.

STANDARDIZED TESTS: While the high school record of grades and curriculum are the most important factors in the admissions decision, most colleges and universities require test scores from one of two nationally standardized tests: Scholastic Aptitude Test (SAT) or American College Test (ACT). If students are not certain about the colleges to which they will seek admission, it is possible to take both tests, asking that the scores be submitted to the colleges being considered. No college will require both tests. All colleges in Ohio will accept the results of the ACT. ACT's College Readiness Benchmarks are the minimum ACT test scores required to have a high probability of success in credit-bearing college courses. These benchmarks are: English - 18, Mathematics - 22, Reading – 22, Science Reasoning - 23

All Juniors will be required to take the ACT. The State of Ohio pays the fee for students to take the exam one time.

A preparation test is offered for a fee: The PSAT is a practice SAT. Juniors taking the PSAT are eligible to qualify for recognition through the National Merit Scholars Program.

Green High School Advanced Placement Offerings

The following AP Courses will be available to students at Green High School based on enrollment. Any student enrolled in an AP course will be required to take a final exam in April and the AP test in May. There is a fee for the AP Test. Any questions about financial responsibility or assistance pertaining to the test should be directed to his or her school counselor. Please note: AP courses will only be offered if a minimum number of students request the course.

AP American History, AP Biology, AP Calculus, AP Chemistry, AP Computer Science A, AP Computer Science Principles, AP Environmental Science, AP European History, AP French, AP Government, AP Language and Composition, AP Literature & Composition, AP Psychology, AP Spanish, AP Statistics, AP World History

Students wishing to take AP courses not offered at Green High School are responsible for cost of the courses. Advanced approval by the principal is required.

College Credit Plus Program

The College Credit Plus program (CCP) gives high school students the opportunity to obtain college credits and to apply those credits to a high school diploma. Tuition, materials and textbooks are provided at no cost to the students.

Students in grades 9-12 may participate if they meet the university requirements.

Green High School has agreements with Stark State University, The University of Akron, Kent State Main and Kent State Stark.

Students have several options for taking classes:

1. Dual Enrollment where classes are taught at GHS by college instructors
2. Distance Learning where classes are taught by college instructors through projected technology at GHS
3. Classes on the university campus or online

Students and parents are REQUIRED to attend a CCP meeting held at GHS , follow all university application requirements for admission and request to have transcripts sent.

Given the extensive College Credit Plus options students have the opportunity to design and earn 15, 30, and 64 credit hour pathways in dual enrollment courses. Advanced Placement courses should also be considered as a part of a student's dual enrollment pathway planning. For more detailed information regarding the GHS College Credit Plus Program, please see our Green High School Student Services webpage.

CCP Probation and CCP Dismissal

Students in the College Credit Plus program will be placed on CCP Probation if their cumulative GPA is below a 2.0 in the college courses taken through the CCP program. Students on CCP Probation will be permitted to enroll in no more than ONE college course (not in the same subject as the student earned a D or F) the following semester.

Students in the College Credit Plus program will be dismissed or deemed "ineligible" for the program after two consecutive semesters terms of enrollment where the cumulative GPA earned is below a 2.0.

CCP Grading

College courses, whether taught at Green High School or on a college campus, will be recorded on the high school transcript as reported by the individual college grading scale. Students will be advised that most universities do not award an A+. Please note per the Ohio Board of Regents, AP and CCP courses earn the same quality points for classes in applicable subject areas. (Subject to change with legislative updates.)

Secondary Options at GHS

All students taking the following CCP classes must apply and be accepted by either the University of Akron, Stark State College or Kent State (Main or Stark) in order to enroll in these classes.

Distance Learning

(Classes taught at the University of Akron and transmitted via technology to GHS)

3750: 100 Introduction to Psychology (AKRONDL1) **3 college hours**

Introduction to scientific study of behavior, survey of physiological basis of behavior, sensation and perception, development, learning and cognition, personality, social interaction and other selected topics.

7600: 105 Introduction to Public Speaking (AKRONDL2) **3 college hours**

Introduction to principles and practice of speaking by reading examples of speeches, studying techniques and methods employed and applying them in a variety of speaking situations.

University of Akron Classes taught at GHS

The following are taught by GHS staff who are adjunct professors at the University of Akron. Students must be accepted by the University of Akron and attend a mandatory orientation in order to register for these classes.

Dual Enrollment Classes

3700: 100 Government and Politics in the United States (AKRONDE4) **3 college hours**

Examination of the American political system with emphasis on fundamental principles, ideas, institutions, and the processes of modern government. Lecture and discussion sessions (day classes only).

3300: 111 English Composition I (AKRONDE1) **3 college hours**

Extensive and varied experiences in developing writing skills, with practice in expressive, reflective, and analytic forms of writing.

3300: 112 English Composition II (AKRONDE2) **3 college hours**

Designed to develop skills in analyzing and writing persuasive arguments. 111 English Composition 1 required.

Kent State Main Classes taught at GHS

The following are taught by GHS staff who are adjunct professors at Kent State Main . Students must be accepted by Kent State Main, attend an orientation and score a 78 or higher on the ALEKS (or a qualifying ACT or AP score) in order to register for these classes.

Dual Enrollment Classes

PHY 13001: General College Physics I (KENTDE1) **4 college hours**
PHY 13021: General College Physics I Lab (KENTDE2) **1 college hour**

This is an algebra based course. Upon successful completion of this course 5 credit hours through Kent State University for college physics I and college physics I lab will be earned. This class will transfer to most major universities for students going into pre-med, architecture, Biology and the arts. Topics covered include motion, forces, momentum, energy, rotational motion, waves, vibrations and sound. Students must have a strong mathematics background as problem soling will be emphasized. Students must be enrolled in AP Calculus and have earned a B or higher in Pre-Calculus. (Offered in the Fall only.)

PHY 23101 General University Physics I (KENTDE3) **5 college hours**

This is a calculus based course. Upon successful completion of this course 5 credit hours through Kent State University for college physics I will be earned. This class will transfer to most major universities for students going into engineering, physics and chemistry. Topics covered include motion, forces, momentum, energy, rotational motion, waves, vibrations, sound, and thermodynamics. Students must have a strong mathematics background as problem soling will be emphasized. Students must have already taken or be currently taking AP Calculus and have earned a B or higher in Pre-Calculus. (Offered in the Spring only.)

MATH 10775 Algebra for Calculus Plus (KENTDE4) **4 college hours**

Prerequisite: Minimum ALEKS score of 45. The online ALEKS test is taken after a student has been admitted to Kent State University.

Course includes an extensive and rich immersion into the structure of functions. Routine analysis includes discussion of domain, range, zeros, and general function behavior (increasing, decreasing, extrema, etc.). Operations with functions, including addition, subtraction, multiplication, division, composition and inversion. Functions are studied as a tool to analyze rates of change in real-world scenarios. The emphasis is on linear, polynomial, exponential and rational functions, with an extensive problem-solving component. Skill review is included in the course, as is time studying quadratic functions, absolute value functions, systems of equations and extended time on logarithms.

MATH 11022 Trigonometry (KENTDE5) **3 college hours**

Prerequisite: A passing grade with a minimum C grade (73%) in MATH 10775 or a minimum ALEKS score of 67. The ALEKS test is taken after a student has been admitted to Kent State University.

Solution of triangles, trigonometric equations, and identities.

Stark State College Courses taught at GHS

The following are taught by GHS staff who are adjunct professors at Stark State. Students must be accepted by Stark State in order to register for these classes.

Dual Enrollment Classes

BIO 127 Human Biology (STARKDE5) **4 college hours**

This course is for NON-SCIENCE MAJORS. Human Biology introduces the scientific study of the human body through basic biology, evolution, genetics, development, and a survey of the major body systems. This is a lab-based course applying hands-on interactive activities to measure, record and evaluate the functions of the body systems. The course is designed for non-science majors and will guide the student in a multidisciplinary study of human life. **Human Biology is an OTM (Ohio Transfer Model) approved course which means that it will only count as a general education science course and NOT towards a science and/or allied health field related major.**

BIO 125 Medical Terminology (STARKDE8) **3 college hours**

This course is for science and/or allied health field MAJORS. An introduction to the medical word structure, including prefixes, suffixes, roots, plurals and abbreviations. Spelling, definitions and pronunciation are stressed and reinforced by frequent examination. **Medical Terminology is a TAG (Transfer Assurance Guides) approved course and CAN count as a required course towards a science and/or allied health field related major.**

LANGUAGE ARTS

LANGUAGE ARTS 9 (LA01) **1 credit** **Grade 9**

The goal of Language Arts 9 is to review and to reinforce the language skills introduced in the previous grades. Emphasis will be given to reading and responding to literature, poetry and non-fiction texts and developing clarity of expression. Special attention will be given to writing as a process while reviewing the conventions of written and spoken English.

HONORS LANGUAGE ARTS 9 (LA02) **1 credit** **Grade 9**
Prerequisite: Previous Language Arts grades of 90% or higher in regular level course or 85% or higher in the honors level course and recommendation by Language Arts Department

This course is an enhanced version of Language Arts 9. Emphasis will be given to reading and responding to literature, poetry and non-fiction texts and developing clarity of expression. Constructing and refining meaning through reading, writing, listening, speaking and researching are skills that will be developed.

LANGUAGE ARTS 10 (LA04) **1 credit** **Grade 10**
Prerequisite: Passing grade in Language Arts 9

This course is designed to improve and expand all English language arts skills. The literature units, which are designed from representative world literature, are structured to develop critical thinking, logical reasoning and active reading skills. Vocabulary development, spelling, speaking, listening, observing, writing, reading and researching are stressed. Composition focuses on the writing process. All students will take the mandated Ohio State Test.

HONORS LANGUAGE ARTS 10 (LA05) **1 credit** **Grade 10**
Prerequisite: Previous Language Arts grades of 90% or higher in the regular level course or 85% or higher in the honors level course and recommendation by Language Arts Department

This course is offered to students who have been identified as exceptional in language arts and is an enhanced version of Language Arts 10. Vocabulary development, spelling, speaking, listening, observing, writing, reading and researching are stressed. The literature units, which are designed from representative world literature, are structured to develop critical thinking, logical reasoning and active reading skills. Composition and the reading of major works will be stressed. All students will take the mandated Ohio State Test.

LANGUAGE ARTS 11 (LA07) **1 credit** **Grade 11**
Prerequisite: Passing grade in a 10th grade Language Arts class

In this survey of American literature, students will study the history of American thought as expressed through various fiction and non-fiction works. Emphasis is given to considering the works in their historical context and as representative of major literary movements in American literature. Constructing and defining meaning through reading, writing, speaking, listening are skills that will be developed. Composition, literary interpretation, and research skills will be stressed. Major works (novels and plays) will be a focus.

HONORS LANGUAGE ARTS 11 (LA08) **1 credit** **Grade 11**
Prerequisite: Previous Language Arts grades of 90% or higher in the regular level course or 85% or higher in the honors level course and recommendation by Language Arts Department

In this survey of American literature, students will study the history of American thought as expressed through various fiction and non-fiction works. Emphasis is given to considering the works in their historical context and as representative of major literary movements in American literature. Constructing and defining meaning through reading, writing, speaking, listening are skills that will be developed.

LANGUAGE ARTS 12 **(**LA12) **1 credit** **Grade 12**
Prerequisite: Passing grade in Language Arts 11

In this survey of British literature, students will study the history of British thought through various fiction and non-fictional works. Emphasis is given to considering the works in their historical context and as representative of major literary movements in English literature. Constructing and refining meaning through reading, writing, speaking and listening are skills that will be developed. This course will further prepare students for the reading and writing expectations of colleges and universities.

CONTEMPORARY ENGLISH/LANGUAGE ARTS 12 **(**LA13) **1 credit** **Grade 12**

In this survey of contemporary literature, students will study current world issues through a variety of fiction and non-fiction texts. Emphasis will be given to literacy skills needed to successfully communicate and engage in civic discourse, the workplace, on-line and in commerce. Constructing and refining meaning through reading, writing, researching, speaking and listening are skills that will be developed.

AP LANGUAGE & COMPOSITION (LA26) **1 credit** **Grade 11**
Prerequisite: Previous Language Arts grades of 95% or higher in regular courses or 85% or higher in honors courses and department recommendation. This course may require fees in addition to standard student fees.

The purpose of the AP English Language and Composition course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. As well as engaging in varied writing tasks, students become acquainted with a wide variety of prose styles from many disciplines and historical periods, and gain understanding of the connections between writing and interpretive skill in reading. Concurrently, to reflect the increasing importance of graphics and visual images in texts published in print and electronic media, students are asked to analyze how such images both relate to written texts and serve as alternative forms of texts themselves. In addition, the informed use of research materials and the ability to synthesize varied sources (to evaluate, use, and cite sources) are integral parts of this course. The course follows the guidelines established by The College Board. Completion of the summer assignment is required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

AP LITERATURE AND COMPOSITION (LA27) **1 credit** **Grade 12**
Prerequisite: Department recommendation. This course requires fees additional to the standard student fees.

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Reading in an AP course is both wide and deep. This reading necessarily build upon and complements the reading done in previous English courses so that by the time students complete their AP course, they will have read works from several genres and periods — from the 16th to the 21st century. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays. Although critical analysis makes up the bulk of student writing for the course, well-constructed creative writing assignments may help students see from the inside how literature is written. Such experiences sharpen their understanding of what writers have accomplished and deepen their appreciation of literary artistry. The course follows the guidelines established by The College Board. Completion of the summer assignment is required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

LANGUAGE ARTS ELECTIVE COURSES

These courses may not be substituted for the required language arts courses.

CREATIVE WRITING (LA38) **.5 credit** **Grades 9-12**

This course will provide students with the opportunity to express themselves creatively by reading and writing short stories, poetry, drama and other forms of fiction and creative non-fiction. Students will study professional writing samples and techniques to apply in their own writing, and will learn to follow the writing process in order to self-assess and revise their work. Students will produce a portfolio of their work based on writing topics and goals they establish with input from the instructor.

INTRO TO JOURNALISM (LA23) **.5 credit** **Grades 10-12**

This introductory course combines journalism and mass media and serves as the prerequisite for students who want to be on the newspaper production staff or want an introduction to journalistic writing/communication techniques. The course will cover basic journalistic writing skills as well as critical thinking/reading skills. Additionally, the course examines the various forms of mass media, journalism ethics, mass media's influence on society, and relevant legal issues. Coursework includes news and related writing assignments as well as projects related to media.

MINDFULNESS & SELF CARE (LA36) **.5 credit** **Grades 10-12**

Teenagers experience stress in what seems like a growing level each year. Stress, anxiety, and depression are on the rise in our society, among people of all ages. In our current society, there is a rising focus given to developing and utilizing self care strategies, including meditation, breathing exercises, and mindfulness strategies, in an attempt to find balance among the rigorous demands of everyday life. This course would be a study in analyzing and developing these skills, both as a way for students to examine the current trend and to consider utilizing mindfulness in their own lives. In addition, the course would put a focus on students getting to know their own selves better, through synthesizing personality and behavior evaluations and resources such as the Enneagram. This aspect of the course would adhere to the philosophy that navigating life's more difficult situations is easier when you know yourself better.

NEWSPAPER (LA35) **1 credit** **Grades 10-12**
Prerequisite: Intro to Journalism

This laboratory-type course produces the GHS student newspaper The Paw Print. Students will be involved in all the basics of planning, editing, reporting, writing, layout/design, circulation, advertising, sale of advertising and photography. Intense participation is expected . This is a production class in which meeting deadlines and maintaining regular attendance are essential. After school work may be required. This course may be repeated for credit.

PUBLIC SPEAKING (LA18) **.5 credit** **Grades 9-12**

The purpose of this course is to train students in the basic principles of public speaking. After developing an understanding of the communication process, students will learn the basic steps in speech preparation. Specific emphasis is given to organizing a speech, writing introductions and conclusions, and locating supporting material through research to develop the speech. Additional emphasis is given to use of bodily action in speaking, including eye contact, gestures, movement, and facial expressions. Proper use of voice in public speaking is discussed in detail. Students have the opportunity to develop these areas of content and delivery by presenting speeches to inform, persuade, and entertain. This is a performance and academic course, and students are tested over all material presented. Students must be willing to perform in front of their peers.

SHAKESPEARE (LA25) **.5 credit** **Grades 11-12**
Prerequisite: Language Arts 10A or Language Arts 10B

Studies will include reading and exegesis of William Shakespeare's tragedies, comedies, histories and selected Shakespearean sonnets. The plays will be studied as performance vehicles as well as literature. The following are possibilities for study: Anthony and Cleopatra, Coriolanus, Hamlet, King Lear, King John, Titus Andronicus, Richard III, Timon of Athens, Henry IV, Much Ado About Nothing, The Tempest, The Merchant of Venice, The Taming of the Shrew.

SPORTS IN LITERATURE & MEDIA (LA21) **.5 credit** **Grades 9-12**

In this course, students will explore and study the three major American sports: football, baseball and basketball, as well as a variety of other sports in the United States. Study will also focus on the link between history (events and significant athletes) and sports, and how sports is portrayed in various forms of media. The study will include reading fiction and non-fiction works of varying length, discussing and responding (in writing) to various selections, completing a variety of individual and small group projects, and viewing several films related to sports. Much of this course involves hands-on sports-related experiences for the students.

STUDY OF FILM (LA30) **1 credit** **Grades 9-12**

LIGHTS, CAMERA, ACTION! This class will encompass cinematic concepts such as framing, lighting, editing and sound without getting too technical. We will begin the class with early silent film history, then move into films recognized as academy award winners (by decade and genre). Films for dramatic, cinematic and literary examination may include: *Citizen Kane, Casablanca, On the Waterfront, as well as* other top rated films on the American Film Institute's top 100 list.

TRUE CRIME NARRATIVES AND DETECTIVE FICTIONS (LA37) **.5 credit** **Grades 9-12**

Over the last decade, the true-crime genre has skyrocketed in popularity, Students taking this elective course will investigate the age-old fascination with crime, and its applications in a modern society. Through examination and analysis of short stories, fiction, poetry, and various arts and media genres in the context of popular culture, students will engage with the social, political and moral climate of various true-crime cases throughout history. Students will investigate their own chosen cases and be expected to write, revise, present, and work together in groups to show their learning. We will explore moments in history through the intersecting lenses of popular culture, race, community politics, policing , and the criminal justice system. This class is meant to intrigue students in a unique way regarding the world around them, and how true-crime, as a genre, is as relevant today as ever. At the end of this course, students will have a better understanding of how a true-crime story "emphasizes the character conflict and the problems inherent in human behavior" (Pronzini, 1995).

YEARBOOK PRODUCTION (LA24) **1 credit** **Grades 10-12**
Prerequisite: Teacher recommendation & application form

The purpose of this class is to produce a financially sound and well designed yearbook. All students will learn basic photography techniques, design layout techniques for planning the pages, and are responsible for selling and developing one complete page of advertisements. The responsibility for writers will include reporting and writing yearbook spreads, taking and placing all digital photos of classes, clubs, sports, special events or portraits.

MATHEMATICS

NOTE: In order to move from a regular Math course to an honors Math course, a student must earn a 95% or higher from the previous course as well as a teacher recommendation.

CPM (College Preparatory Mathematics) is a math program that Green Local Schools has adopted from 6th grade math through Pre-Calculus and AP Stats. In CPM courses, students will primarily work in teams, and the work will be problem based. Homework assignments will consistently be a mix of review problems, current material and problems that will prepare students to tackle future material. Research has shown that these strategies better prepare students in a variety of ways. Students learn more deeply when they discuss ideas with classmates. Ultimately, students learn more and develop perseverance, problem solving skills and other soft skills when they are required to engage and reengage with the ideas over the course of months or even years.

ALGEBRA 1 (MT02) **1 credit** **Grades 9-10**
Prerequisite: 8th grade math

This is a 9th grade college preparatory algebra course whose purpose is to broaden the fundamental concepts of number theory and gradually make the transition to a workable understanding of the terminology of algebra. Students develop an active mathematical vocabulary, learn to formulate and evaluate formulas, and translate data into an equation and solve the equation. This course is NCAA approved. All students will take the mandated Ohio State Test. Required Calculator options: TI-30 XIIS scientific or any TI-84 graphing calculator.

GEOMETRY (MT03) **1 credit** **Grades 9-10**
Prerequisite: Passing grade in Algebra 1

This course contains the same content as Honors Geometry, but with less emphasis on formal proofs and at a less rigorous pace. This course is NCAA approved. All students will take the mandated Ohio State Test. Required Calculator options: TI-30 XIIS scientific or any TI-84 graphing calculator.

HONORS GEOMETRY (MT04) **1 credit** **Grade 9**
Prerequisite: Grade of 85% or higher in 8th grade Algebra 1

This course deals mainly with logic and problem solving through application of geometric concepts. The content consists of basic ideas of geometry along with parallel lines and planes, perpendicular lines, proofs, congruent triangles, similarity, ratio and proportion, right triangles and basic trigonometric ratios, properties of polygons and circles, areas, surface area and volume, constructions, and coordinate geometry. A strong background in Algebra is recommended. This course is NCAA approved. All students will take the mandated Ohio State Test. Required Calculator options: TI-30 XIIS scientific or any TI-84 graphing calculator.

ALGEBRA 2 (MT06) **1 credit** **Grades 10-12**
Prerequisite: Passing grade in Algebra 1 & Geometry

This course contains the same content as Honors Algebra 2 but at a less rigorous pace. A TI-84 graphing calculator is required. This course is NCAA approved.

HONORS ALGEBRA 2 (MT07) **1 credit** **Grades 10-11**
Prerequisite: Grade of 85% or higher in Honors Geometry & Honors Algebra 1

This course provides an enhancement of Algebra and a foundation for Pre-Calculus and AP Statistics. There is an emphasis on problem solving and working with various equations and inequalities, solving systems of equations, powers, roots, complex numbers, quadratic equations, polynomials and polynomial equations, rational expressions and equations, radical expressions and equations, logarithmic functions and trigonometric functions. Other topics covered include the study of both the real and imaginary number systems and a further study of data analysis and probability. This course is NCAA approved. A TI-30 XIIS and a TI-84 graphing calculator is required.

FINANCIAL ALGEBRA (MT12) **1 credit** **Grades 12**
Prerequisite: This course is designed for students that earned lower than 70% in Algebra 2

This course does not prepare students for college math. This course was specifically developed to teach students mathematical skills and problem solving for everyday living. A scientific calculator is required.

ADVANCED QUANTITATIVE REASONING (MT13) **1 credit** **Grades 11-12**
Prerequisite: Passing grade in Algebra 1, Geometry, and teacher recommendation

The purpose for this course is two-fold: 1) To serve as a fourth-year mathematics course for student planning to attend college or enter a technical career and/or 2) To serve as an Algebra 2 equivalency course. The course is designed to promote reasoning, problem solving, and modeling through thematic units focused on the mathematical practices while reinforcing and extending content in Number and Quality, Algebra, Functions, Statistics and Probability, and Geometry. It is a year-long course taught using student centered pedagogy.

DATA SCIENCE FOUNDATIONS (MT14) **1 credit** **Grades 11-12**
Prerequisite: Passing grade in Algebra 1 and Geometry

This course teaches students to reason with and think critically about data in all forms. Ohio's Learning Standards for Mathematics relevant to data science are taught along with the data demands of good citizenship in the 21st century. This course may include things such as describing big data; usability and usefulness of data; structured vs unstructured data; data extraction techniques; data storage; privacy issues; and data mining. This course is beneficial for students who need a third or fourth credit in mathematics and are not intending to pursue a career that requires calculus, It is appropriate for students with limited or no prior programming, statistics, and data analytics knowledge. It is ideal for absolute beginners who want to acquire a basic working knowledge of data science. It is designed to be a hand-on course that promotes reasoning and the standards for mathematical practice.

PRE-CALCULUS (MT08) **1 credit** **Grades 11-12**
Prerequisite: Grade of 85% or higher in Algebra 2 and recommended ACT math score of 22 or above

This course contains the same content as Honors Pre-Calculus, but at a less rigorous pace. This course is NCAA approved A TI-84 graphing calculator is required.

HONORS PRE-CALCULUS (MT09) **1 credit** **Grades 10-12**
Prerequisite: Grade of 85% or higher in Honors Algebra 2

This course encompasses and extends the topics and concepts of Algebra 2 and gives the student a foundation for Calculus. Topics include trigonometric functions, radian measure, solutions to right and oblique triangles and applications, analytic geometry, absolute values, exponential and logarithmic functions, matrices and determinants, inequalities, conic sections, polar coordinates, vectors, and an introduction to series and sequences. This course is intended for students planning on taking Honors Calculus & AP Calculus. This course is NCAA approved. A TI-84 graphing calculator is required.

HONORS CALCULUS (MT32) **1 credit** **Grades 10-12**
Prerequisite: Student must complete and receive a grade of 85% or higher in Pre-Calculus or Honors Pre-Calculus.

This course provides the student with the necessary background needed to develop a strong foundation in the principles of calculus. It provides an important background for college bound students, especially those intending to pursue a math related major. This course provides coverage of calculus topics including limits, differentiation, and integration. This course is NCAA approved. A TI-84 graphing calculator is required.

AP STATISTICS (MT21) **1 credit** **Grades 11-12**
Prerequisite: Grade of 90% or higher in Algebra 2

AP Statistics provides students with the opportunity to complete the equivalent of a one-semester, introductory, non-calculus based, college course in statistics. The curriculum follows the AP curriculum and guidelines set established by College Board. AP Statistics is a year-long study in the four primary components of a college level introductory statistics course: data exploration and analysis, research planning and design, pattern analysis through probability and simulation, and statistical inference. An introductory statistics course, like AP Statistics, is typically required for majors in the social sciences, health sciences, business, mathematics, engineering, and the physical sciences. This course requires solid reading and writing skills as many assignments and tests require reading reports and interpreting findings. Emphasis is equally placed on critical and evaluative thinking skills as it is mathematical reasoning. This course is NCAA approved. A TI-84 graphing calculator is required..

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

AP CALCULUS (MT23) **1 credit** **Grades 11-12**
Prerequisite: Grade of 90% or higher in Pre-Calculus

This course provides students with the necessary background needed to develop a strong foundation in the principles of calculus. The curriculum will follow the AP curriculum and guidelines established by the College Board. It provides an important background for college bound students, especially those intending to pursue a math-related major. Topics include differential calculus, limits, and integral calculus. This course is NCAA approved. A TI-84 graphing calculator is required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

SCIENCE

Four units of Science are required for graduation. Physical Science and Biology (or Honors Biology) are required by all students and are required to be taken before any additional science courses.

General College Prep: The four core science courses at GHS are Physical Science, Biology, Chemistry and Physics. For those students interested in receiving a well rounded science education we recommend taking those four courses in that order. Chemistry and Physics are strongly recommended for all college bound students.

Medical Careers: It is recommended that students who will be pursuing a college degree in the medical field take Physical Science, Chemistry, Honors Biology*/AP Biology, and General Honors Physics* or College Physics. Honors Anatomy and Medical Terminology (CCP) are also recommended.

Engineering Careers: It is recommended that students who will be pursuing a college degree in the engineering field take Physical Science, Biology, Honors Chemistry*/AP Chemistry and University or College Physics.

Other Science Interests: Additional courses are offered to allow students to explore multiple areas of interest in the field of science. Courses include STEM, Bio Apps, Earth Science, Ecology, AP Environmental Science, Principles of Science, and Human Biology (CCP).

*Note that Chemistry is not a prerequisite for Honors Chemistry, Biology is not a prerequisite for Honors Biology and Physics is not a prerequisite for Honors Physics. Please see course description for further information.

PHYSICAL SCIENCE (Physical) (SC30) **1 credit** **Grade 9**

Introduces students to key concepts and theories that provides a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, earth, and space systems is the culmination of all previously learned concepts related to chemistry, physics and space science, along with historical perspective and mathematical reasoning.

BIOLOGY (Biological) (SC31) **1 credit** **Grades 9-12**

This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. All students will take the mandated Ohio State Test. By scoring proficient on the Biology Ohio State Test, students will be eligible for the Ohio Science Graduation Seal.

HONORS BIOLOGY/AP PREPARATION (Biological) (SC32) **1 credit** **Grades 11-12**
Prerequisite: 83% in Chemistry or Honors Chemistry

This course is a requirement for any student who wishes to take AP Biology. It will be offered in the fall semester of each school year and should be taken during the same school year as AP Biology. This course involves a detailed and accelerated study of plants, cellular processes (energy and communication), information transfer and interactions. This course requires that 25% of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. All students will take the state mandated Ohio State Test unless going on to AP Biology where they will take the AP Biology Exam to earn graduation points.

AP BIOLOGY (Biological) (SC22) **1 credit** **Grade 11-12**
Prerequisite: An 83% in Honors Biology, 75% grade on Honors Biology Final Exam

AP Biology course is designed to be the equivalent of the general biology course taken during the first year of college. It will be offered in the second semester. The curriculum will follow the AP curriculum and guidelines established by the College Board and will include topics such as: evolution, cellular processes (energy and communication), genetics, information transfer, ecology, and interactions. Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

HONORS ANATOMY (Biological) (SC38) **1 credit** **Grades 10-12**
Prerequisite: 78% average in Biology or Honors Biology

This course is designed for students planning to enter a medically related career field. The course includes the dissection and study of prepared specimens including cat/dog/even rabbits. This course offers anatomical comparisons of animals to human anatomy and physiology. Classroom and Independent study projects are required.

CHEMISTRY (Physical) (SC33) **1 credit** **Grades 10-12**
Prerequisite: Physical Science. 70% average in Algebra 1

This course deals with the composition and properties of substances, and with the reactions by which substances are produced from or converted into other substances. The theoretical concepts of chemistry will be studied in detail. An extensive laboratory component will be a part of the course. This course is a prerequisite for acceptance into most colleges. A scientific calculator is required. There is a strong emphasis on mathematical problem solving in this course.

HONORS CHEMISTRY (Physical) (SC37) **1 credit** **Grades 10-12**
Prerequisite: An 85% in Physical Science, 83% in Algebra 1, concurrently taking Algebra 2 or higher math

This course is a requirement for any student who wishes to take AP Chemistry. It will be offered in the fall semester of each school year and should be taken during the same school year as AP Chemistry. This course involves a detailed and accelerated study of chemical reactions, gas laws, chemical equilibrium, acid based systems and atomic structure. A scientific calculator is required. There is a strong emphasis on mathematical problem solving in this course.

AP CHEMISTRY (Physical) **(**SC20) **1 credit** **Grades 10-12**
Prerequisite: 83% average in Honors Chemistry, 75% grade on Honors Chemistry Final Exam

The AP Chemistry course is designed to be the equivalent of the general chemistry course taken during the first year of college. It will be offered in the second semester. The curriculum will follow the AP curriculum and guidelines established by the College Board and will include topics such as structure of matter, states of matter, reactions, descriptive chemistry and a laboratory experience. A scientific calculator is required. It is strongly recommended that students take this course in the same school year as taking Honors Chemistry. Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

BIOAPPS (Biological) (SC39) **1 credit** **Grades 10-12**
Prerequisite: Biology or Honors Biology

BioApps is a project and lab centered class with a focus on the following major units: Biological Forensics, Zoology (**including dissections of animals**) and Microbiology. Students will design and conduct lab experiments, use technology and math, and research and communicate scientific ideas.

EARTH SCIENCE (Physical) (SC36) **1 credit** **Grades 10-12**
Prerequisite: Passing grade in Physical Science and Biology or Honors Biology

Students will gain a current overview of the universe, earth's geologic processes, oceanography and meteorology. Emphasis will be placed on interpretation and prediction of past, present, and future natural events based on data, experimentation, research and problem based learning experiences.

ECOLOGY (Biological) (SC34) **1 credit** **Grades 10-12**
Prerequisite: Biology or Honors Biology

Ecology is a project and lab centered class with a focus on the following major units: Ohio flora and fauna, Ohio invasive species, and ecological field techniques. Student will also be researching various Ohio species and locations where these organisms are found. Students will design and conduct lab experiments, use technology and math, and research and communicate scientific ideas.

STEM (Physical) (SC24) **1 credit** **Grade 11-12**
Prerequisite: Physical Science and Biology

This is an elective course for students who enjoy problem/project based hands on learning. The course is designed to increase the students ability to analytically approach real life problems using science, technology, engineering, and math. Students will evaluate real life problems and use the scientific method to understand the mechanism of the problem and then apply the engineering design process to create practical solutions.

AP ENVIRONMENTAL SCIENCE (Biological) **(**SC21) **1 credit** **Grades 10-12**
Prerequisite: Biology or Honors Biology and concurrently taking Geometry or higher math

Provides students with the scientific principles, concepts, and methodologies required to understand interrelationships of the natural world, and to identify and analyze environmental problems both natural and human caused. Students evaluate the relative risks associated with environmental problems and examine solutions for resolving and/or preventing them. Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see their school counselor. As with all AP courses, the curriculum and pace is rigorous.

GENERAL PHYSICS (Physical) **(**SC35) **1 credit** **Grades 11-12**
Prerequisite: Two science courses and concurrently taking Algebra 2 or higher math

This course is an algebra based physics course and deals with the natural laws of the universe. It will study physical concepts such as motion, forces, energy, momentum, waves, electricity and magnetism. Experimental verification of the laws will be performed. There is a heavy emphasis in this course on problem solving. A scientific calculator is required.

HONORS PHYSICS (Physical) **(**SC25) **1 credit** **Grades 11-12**
Prerequisite: Two science courses and concurrently taking Pre-Calculus or higher math

This is an introductory physics course. It will study physical concepts such as motion, forces, energy, momentum, waves & sound, electricity, and series/parallel circuits. Strong mathematics, critical thinking, and analysis skills are required as in-depth mathematical problems will be explored at an algebra-based level. A scientific calculator is required.

PRINCIPLES OF SCIENCE (Physical) (SC40) **1 credit** **Grades 12**
Prerequisite: Biology or Honors Biology

This is an elective course for seniors to help complete their fourth science requirement for graduation. This course is project based and focuses on practical application of basic science concepts in chemistry, physics and biology. Independent study projects are required.

SOCIAL STUDIES

FINANCIAL LITERACY (SS01) **.5 credit** **Grade 9**

Financial literacy is defined as the ability to read, analyze, manage and communicate about the personal financial conditions that affect material well-being. This course will examine basic financial knowledge, including an understanding of banks and the banking system, financial market, credit and credit cards, and tax laws, as well as the ability to apply this knowledge in making decisions about how to spend , earn or save money today to build wealth for tomorrow. Students will also examine how economic systems attempt to answer the fundamental question of what goods and services to produce, how to produce them and who will consume them. Furthermore, students will learn how the United States Government attempts to regulate the economy in order to promote growth and stability.

AMERICAN HISTORY (SS30) **1 credit** **Grade 9**

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. All students will take the mandated Ohio State Test . By scoring proficient on the American History and Government Ohio State Tests, students will be eligible for the Ohio Citizenship Graduation Seal.

HONORS AMERICAN HISTORY (SS31) **1 credit** **Grade 9**
Prerequisite: Previous Social Studies/Language Arts grades of 90% or higher and Social Studies teacher recommendation

This course traces major political, economic, social, and cultural developments in the United States from the end of the Civil War to the present. The course is an advanced study of American History, similar to the traditional American History course, but with emphasis on reading, writing and participation skills. Students will take on the perspective of a historian and develop critical thinking skills in the process. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. All students will take the mandated Ohio State Test. By scoring proficient on the American History and Government Ohio State Tests, students will be eligible for the Ohio Citizenship Graduation Seal.

MODERN WORLD HISTORY (SS32) **1 credit** **Grade 10**

Modern World History examines world events from1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

AP WORLD HISTORY (SS21) **1 credit** **Grade 10**
Prerequisite: Recommendation by the Social Studies Department

Advanced Placement World History is an intense study of World History, from 8000 B.C.E. to present, that is structured around the investigation of selected themes woven into key concepts covering distinct chronological periods, which can earn qualified students college credit. The curriculum follows the AP guidelines and course of study established by the College Board. Attendance at a spring orientation meeting and the completion of a summer assignment are required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

AP UNITED STATES HISTORY (SS20) **1 credit** **Grade 11-12**
Prerequisite: Recommendation by the Social Studies Department

Advanced Placement United States History (APUSH) is a college level course which can earn qualified students multiple college credits. The curriculum follows the AP curriculum and guidelines established by the College Board. APUSH is a year -long survey of American History from the pre-Columbian era to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing and interpretation of original documents. Attendance at a spring orientation meeting and the completion of a summer assignment are required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

GOVERNMENT (SS35) **1 credit** **Grade 11**

The primary objective of this course is to instill training in the responsibility of citizenship in our republic. Attention is given to the U.S. Constitution, historical documents such as the Declaration of Independence and other historical founding documents. Special attention is also given to the specific functions of the national and state governments, their braches, and to the administrative agencies. Foreign policies and issues, domestic policies and issues relating to government's economic powers and to the promotion of the general welfare and protection of individual rights are considered. Students will also learn to detect bias in the media. All students will take the mandated Ohio State Test. By scoring proficient on the American History and Government Ohio State Tests, students will be eligible for the Ohio Citizenship Graduation Seal.

AP UNITED STATES GOVERNMENT AND POLITICS (SS23) **1 credit** **Grades 11-12**
Prerequisite: Recommendation by the Social Studies Department

Advanced Placement United States Government and Politics (APGOV) is a college-level course which can earn qualified students multiple college credits. The curriculum follows the AP curriculum and guidelines established by the College Board. APGOV is a year-long survey of American government and politics, with units on the Constitution; political beliefs and behaviors; the roles of parties, interest groups, elections, and the media in the political process; the structures of American political institutions (the Presidency, Congress, the Courts and the Bureaucracy); and a study of civil liberties and civil rights. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay-writing, and analysis of data and texts. Attendance at a spring orientation meeting and the completion of a summer assignment are required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

AP EUROPEAN HISTORY (SS22) **1 credit** **Grades 11-12**
Prerequisite: Recommendation by the Social Studies Department

Advanced Placement European History is a college level course which can earn qualified students multiple college credits. AP Euro is a year-long course that begins at the High Renaissance of the 15th Century and concludes its focus at the early 21st Century. The course follows significant eras of European History driven by essential key concepts, historical thinking skills, and thematic learning objectives that connect the eras together. The course follows the AP guideline and course of study established by the College Board. Attendance at a spring orientation meeting and the completion of a summer assignment are required.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

PSYCHOLOGY (SS36) **.5 credit** **Grades 11-12**

Introduction to Psychology examines the mind and explores behavior of humans and animals using a scientific approach. The historical development of psychology will be outlined along with the mind and body connections. Students will gain an understanding of their own learning and cognitive development and the course will end with diagnosing and treatment of psychological disorders.

SOCIOLOGY (SS37) **.5 credit** **Grades 11-12**

Introduction to Sociology students will study human relationships in society and will form an understanding of our cultural and social structures. This will include examining similarities and differences between cultures and with in cultures. Student will explore topics and social issues that deal with the individual in society, social inequality and our continuously changing social world.

AP PSYCHOLOGY (SS24) **1 credit** **Grades 11-12**

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first college year.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

STREET LAW (SS34) **.5 credit** **Grades 11-12**

Street Law is a practical class with a unique blend of substance and instructional strategies. Street Law is designed to provide students with the ability to analyze, evaluate, and resolve legal disputes. Students will learn a great deal about criminal and civil laws, and civil rights and responsibilities through strategies that promote critical thinking, problem solving, conflict resolution, cooperative learning, and most importantly, the ability to participate effectively in society.

CURRENT ISSUES AND EVENTS (SS38) **.5 credit** **Grades 10-12**

This course is designed to provide students with the opportunity to explore, discuss, and understand political, economic, and social-cultural issues in a respectful, meaningful, and active way. Throughout the semester, students will stay up-to-date on current issues and events, utilizing both online and print resources. Because the subject matter of the class is current and changing, topics will vary considerably each semester. Students will be challenged to defend their opinions on many different issues, therefore, active class participation is expected and required.

AMERICAN HISTORY THROUGH FICTION & FILM (SS39)**.5 credit** **Grades 10-12**

This course will build on the exploration of American History in 8th and 9th grade by allowing students to analyze its portrayal through novels, feature films, and documentaries. In this course, students will learn to critically analyze the ways in which events, people, and eras have been depicted. Students will analyze for historical accuracy and interpretation by the authors/filmmakers, as well as consider what literature and film teach us about society's view of history.

THE AMERICAN PRESIDENCY (SS40) **.5 credit** **Grades 10-12**

This course will examine the history and evolution of the American presidency, arguably the most powerful office in the modern world. Students will examine the constitutional foundations of the president's powers and how these have expanded over time. Furthermore, students will explore different presidential leadership styles, scandals and controversies. The course will complement a student's study of American History and Government. While not all presidents will be discussed, there will be emphasis on Presidents Washington, Jackson, Lincoln, Theodore Roosevelt, Franklin Roosevelt, Reagan and the current and most recent officeholders.

WORLD LANGUAGES

SPANISH I (WL01) **1 credit** **Grades 9-12**
Prerequisite: 70% average in Language Arts

By the end of the course, a Spanish I student would be expected to communicate at the novice-mid proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Novice-mid language students can identify with phrases, combine words and express ideas with simple phrases and expressions. Classroom instruction is conducted in Spanish ideally 90% of the time. Students begin to build reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

SPANISH II (WL02) **1 credit** **Grades 9-12**
Prerequisite: 70% average in Spanish I

By the end of the course, a Spanish II student would be expected to communicate at the novice-high proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Novice-high language students can describe with phrases and identify with short sentences in the present time frame. Classroom instruction is conducted in Spanish ideally 90% of the time. Students continue to build upon previous reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

SPANISH III (WL03) **1 credit** **Grades 10-12**
Prerequisite: 75% average in Spanish II

By the end of the course, a Spanish III student would be expected to communicate at the intermediate-low proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Intermediate-low language students can describe with sentences, use strings of sentences and express their own thoughts in a single time frame. Classroom instruction is conducted in Spanish ideally 90% of the time. Students continue to strengthen previous reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

SPANISH IV (WL04) **1 credit** **Grades 11-12**
Prerequisite: 80% average in Spanish III

This course is offered as an alternative to or additional preparation for the language-intensive AP Prep and AP courses. Students will focus on a variety of topics, including culture and film, by reading, analyzing and discussing various modern works by Hispanic writers. Grammar is reviewed, but is not the major focus. Students are expected to participate daily in class discussions and formulate their own ideas in written and spoken Spanish. Most assessments are based on reading and writing skills rather than speaking and listening.

HONORS SPANISH GRAMMAR/AP PREPARATION (WL30) **1 credit** **Grades 11-12**
Prerequisite: 85% in Spanish III or Spanish IV, and teacher recommendation

By the end of this course, a student would be expected to communicate at the intermediate-mid proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Intermediate-mid language students can formulate questions and answers as well as describe and narrate with strings of sentences. Both students and instructor use Spanish almost exclusively. Students continue to refine previous reading, listening, speaking and writing skills with an emphasis on grammar. Students are expected to compare and contrast cultures embedded in the course content as well as interact with the language beyond the school setting. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Activities are based on authentic situations and have real meaning to the students. This course is designed to prepare students for the AP Spanish Language and Culture course. This semester long block class is to be scheduled in the fall of the same academic year as AP Spanish. A summer assignment is required.

AP SPANISH (LANGUAGE AND CULTURE) (WL20) **1 credit** **Grades 11-12**
Prerequisite: Teacher recommendation

The purpose of this course is to prepare students to take the AP exam in May. AP Spanish Language and Culture is a demanding course which is meant to be the equivalent of 5th or 6th semester college Spanish. By the end of the course, students will be expected to communicate at the intermediate-high or advanced-low level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Students at this level can narrate and describe in past, present and future and handle a complicated situation or transaction. The curriculum will follow the AP curriculum and guidelines as established by the College Board. Exceptional ability in Spanish, as well as a willingness to devote considerable time to homework and study are necessary to succeed. Both students and instructor use Spanish almost exclusively. Students will experience the Spanish-speaking world by reading text such as articles, short stories and biographies. They will also listen to podcasts, interviews, songs and newscasts. Students will write and speak about their understanding of new and familiar topics and also compare and contrast cultures embedded in the course content. Activities are based on authentic sources and have real meaning to the students as they prepare for the AP exam. This semester long block class is to be scheduled in the spring of the same academic year as Spanish Grammar/AP Preparation.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

GERMAN I (WL11) **1 credit** **Grades 9-12**
Prerequisite: 70% average in Language Arts

By the end of the course, a German I student would be expected to communicate at the novice-mid proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Novice-mid language students can identify with phrases, combine words and express ideas with simple phrases and expressions. Classroom instruction is conducted in German ideally 90% of the time. Students begin to build reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

GERMAN II (WL12) **1 credit** **Grades 9-12**
Prerequisite: 70% average in German I

By the end of the course, a German II student would be expected to communicate at the novice-high proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Novice-high language students can describe with phrases and identify with short sentences in the present time frame. Classroom instruction is conducted in German ideally 90% of the time. Students begin to build reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

GERMAN III (WL13) **1 credit** **Grades 10-12**
Prerequisite: 75% average in German II

By the end of the course, a German III student would be expected to communicate at the intermediate-low proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Intermediate-low language students can describe with sentences, use strings of sentences and express their own thoughts in a single time frame . Classroom instruction is conducted in German ideally 90% of the time. Students begin to build reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

GERMAN IV (WL14) **1 credit** **Grades 11-12**

Prerequisite: 80% average in German III

This course offers students the opportunity to fine tune their language skills by reading numerous articles on pertinent areas of concern for German speaking nations, novels, short stories and poetry. Understanding of German literature and increased fluency are simultaneous goals. Grammar, composition, oral skills and creative writing are emphasized and refined. By the end of this course, a student will be expected to communicate at the intermediate-mid level according to the national ACTFL (American Council of the Teaching of Foreign Languages) standards. Class is conducted nearly all in German.

GERMAN V (WL15) **1 credit** **Grades 12**

Prerequisite: Teacher Recommendation

By the end of German V, a student will be expected to communicate at the intermediate-high proficiency level according to the national ACTFL standards. Intermediate-high language speakers can converse with ease and narrate and describe in all major time frames. Both students and instructor use German almost exclusively. Student continue to refine previous reading, listening, speaking and writing skills with an emphasis on grammar and pronunciation. Students are expected to compare and contrast cultures and understand how history has shaped modern German culture. Students will be assessed using interpretive, interpersonal and presentational modes of communication. Activities are based on authentic situations and have real meaning to the students.

FRENCH I (WL07) **1 credit** **Grades 9-12**

Prerequisite: 70% average in Language Arts

By the end of the course, a French I student would be expected to communicate at the novice-mid proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Novice-mid language students can identify with phrases, combine words and express ideas with simple phrases and expressions. Classroom instruction is conducted in French ideally 90% of the time. Students begin to build reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

FRENCH II (WL08) **1 credit** **Grades 9-12**

Prerequisite: 70% average in French I

By the end of the course, a French II student would be expected to communicate at the novice-high proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Novice-high language students can describe with phrases and identify with short sentences in the present time frame. Classroom instruction is conducted in French ideally 90% of the time. Students continue to build upon previous reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

FRENCH III (WL09) **1 credit** **Grades 10-12**

Prerequisite: 75% average in French II

By the end of the course, a French III student would be expected to communicate at the intermediate-low proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards. Intermediate-low language students can describe with sentences, use strings of sentences and express their own thoughts in a single time frame. Classroom instruction is conducted in French ideally 90% of the time. Students continue to build upon previous reading, listening, speaking and writing skills. Students also gain insight into other cultures, as well as their own. Using interpretive, interpersonal and presentational modes of communication, assessments will measure what students can do with the language. Instruction and learning is not limited to the classroom, but includes the utilization of technology as well as interactions within the community.

FRENCH IV (WL21) **1 credit** **Grades 11-12**
Prerequisite: 85% average in French III and teacher recommendation

This course is offered as an alternative to or additional preparation for the language-intensive AP Prep and AP course. Students will focus on a variety of topics by reading, analyzing and discussing their own ideas in class. Grammar is reviewed, but is not the major focus. Students are expected to participate in class discussions and formulate their own ideas in written and spoken French. Most assessments are based on reading and writing skills. By the end of the course, a French IV student would be expected to communicate at the Intermediate-Mid level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards.

HONORS FRENCH GRAMMAR/AP PREPARATION (WL10) **1 credit** **Grades 11-12**
Prerequisite: 85% average in French III, and teacher recommendation

By the end of this course, a student would be expected to communicate at the intermediate-mid proficiency level according to the national ACTFL (American Council on the Teaching of Foreign Languages) standards: Formulate questions and answers as well as describe and narrate with strings of sentences. Both students and instructor use French almost exclusively. Students continue to refine previous reading, listening, speaking and writing skills with an emphasis on grammar as well as compare and contrast cultures embedded in the course content as well as interact with the language beyond the school setting. Using all modes of communication, assessments will measure what students can do with the language. This course is designed to prepare students for the AP French Language and Culture course. This semester long block class is to be scheduled in the fall of the same academic year as AP French. A summer assignment is required.

AP FRENCH (LANGUAGE AND CULTURE) (WL19) **1 credit** **Grades 11-12**
Prerequisite: Honors French Grammar/AP Preparation and teacher recommendation

The purpose of this course is to prepare students to take the AP exam in May. AP French Language and Culture is a demanding course which is meant to be the equivalent of 5th or 6th semester college French. By the end of the course, students will be expected to communicate at the intermediate-high or advanced-low level according to the national ACTFL standards: narrate and describe in past, present and future and handle a complicated situation or transaction. The curriculum will follow the AP curriculum and guidelines as established by the College Board. Exceptional ability in French, as well as a willingness to devote considerable time to homework and study are necessary to succeed. Both students and instructor use French almost exclusively. Students will experience the French-speaking world by reading and listening to authentic sources. Students will write and speak about their understanding of new and familiar topics and also compare and contrast cultures embedded in the course content. This semester long block class is to be scheduled in the spring of the same academic year as Honors French Grammar/AP Prep.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

CONNECTING CULTURES (WL31) **1 credit** **Grades 9-12**

From the ancient civilizations of the Aztecs and Maya, to the fierce dictatorship of Trujillo, this course will explore, through a variety of mediums, how Latinos around the world have evolved into one of the most dynamic and diverse groups of people on earth. Students will discover how Latinos in the United States, Latin and South America, as well as the Caribbean have contributed to societies, the arts, science and politics on a global scale. By creating an understanding of who Latinos are and where they come from, students will be able to connect their own cultures to others; explore Latino influences in the world then and now, and develop cultural competency for native Spanish speakers. Course content and materials are presented in in English.

SPECIAL EDUCATION OFFERINGS

In addition to the courses offered through the general education curriculum, the Special Education department offers the following courses for students as deemed appropriate.

LANGUAGE ARTS 1B (SP02) **1 credit** **Grade 9**

The goal of Language Arts 9 is to review and to reinforce the language skills introduced in the previous grades. Emphasis will be given to reading and responding to literature, poetry and non-fiction texts and developing clarity of expression. Special attention will be given to writing as a process while reviewing the conventions of written and spoken English.

LANGUAGE ARTS 2B (SP03) **1 credit** **Grade 10**

This course is designed to improve and expand all English language arts skills. The literature units are structured to develop critical thinking, logical reasoning and active reading skills. Vocabulary development, spelling, speaking, listening, observing, writing, reading and researching are stressed. Composition focuses on the writing process. All students will take the mandated Ohio State Test to meet graduation requirements.

LANGUAGE ARTS 3B (SP04) **1 credit** **Grade 11**

In this survey of American literature, students will study the history of American thought as expressed through various fiction and non-fictional works. Emphasis is given to considering the works in their historical context and as representative of major literary movements in American literature. Constructing and defining meaning through reading, writing, speaking, listening are skills that will be developed. Composition, literary interpretation, and research skills will be stressed. Major works (novels and plays) will be a focus.

LANGUAGE ARTS 4B (SP05) **1 credit** **Grade 12**

In this survey of contemporary literature, students will study current world issues through a variety of fiction and nonfiction texts. Emphasis will be given to literacy skills needed to successfully communicate and engage in civic discourse, the workplace, online and in commerce. Constructing and refining meaning through reading, writing, speaking and listening are skills that will be developed. Composition, literary interpretation and research skills will be stressed.

ALGEBRA 1B (SP08) **1 credit** **Grade 9**

This is a CPM course taught at a slower pace and with supplemental materials. The purpose of this course is to broaden the fundamental concepts of number theory and gradually make the transition to a workable understanding of the terminology of algebra. Students develop an active mathematical vocabulary, learn to formulate and evaluate formulas and translate data into an equation and solve the equation. All students will take the mandated Ohio State Test to meet graduation requirements.

GEOMETRY 2B (SP09) **1 credit** **Grade 10-11**

This is a CPM course taught at a slower pace and with supplemental materials. This course deals mainly with algebraic skills through application of geometric concepts. This content consists of the basic ideas of geometry. All students will take the mandated Ohio State Test to meet graduation requirements.

ADVANCED QUANTITATIVE REASONING 3B (SP10) **1 credit** **Grade 11-12**

This course is designed to promote reasoning, problem solving, and modeling through thematic units focused on the mathematical practices while reinforcing and extending content in Number and Quality, Algebra, Functions, Statistics and Probability, and Geometry.

CONSUMER MATH 4B (SP11) **1 credit** **Grade 12**

This course was specifically developed to teach students the mathematical and problem solving skills needed for everyday living.

INTERVENTION **1 credit** **Grades 9-12**
Grade 9 (SP90) Grade 10 (SP91) Grade 11 (SP92) Grade 12 (SP93)

Students in this course will receive specific instruction in skill deficit areas that are directly related to accessing the content standards covered in the CORE curriculum, with a focus on IEP goals, self advocacy, and transition service activities. Lessons will emphasize study and organizational strategies needed for academic success across the curriculum.

PERFORMING ARTS

THEATRE ELECTIVES

DRAMA (All Year) (PA01) **1 credit** **Grades 9-12**

Drama is a course which provides the student with basic knowledge of acting and an appreciation of Theatre as a Performing Art. This course explores theater and its role in our lives. The course covers social, cultural and historical contexts of theater. Students will learn to appreciate theater by viewing and analyzing theater productions throughout the course. Students will also develop and create play scripts of their own.

DRAMA PRODUCTION (Block Semester 2) (PA02) **1 credit (repeatable)** **Grades 9-12**
Prerequisite: Audition

Drama Production is an introduction to performing, staging and producing plays and musicals. Students become the cast for the annual GHS Spring Play. Some out of school rehearsal time is required.

MUSICAL THEATRE (Block Semester 1) (PA30) **1 credit (repeatable)** **Grades 9-12**
Prerequisite: Singing, Dancing and Acting audition

Musical Theatre is an exciting course designed for students who will be performing in the annual Green High School Musical. Students will discover the elements of a musical, how to prepare and perform a Musical Theatre role, and develop acting, vocal and choreographic skills. The business and production aspects of Musical Theatre will also be explored. Extensive non school hours rehearsal time is required.

STAGECRAFT (All Year) (PA03) **1 credit (repeatable)** **Grades 9-12**
Repeatable for credit with teacher approval

Stagecraft is a hands-on practical exploration of the technical aspects of theatre production. The focus of the course includes the various technical roles involved in creating the overall theatrical production. The students examine the fundamentals of technical theater and theatrical production. Students are taught the basics of theatrical set design, costume, hair and makeup design, lighting and sound design, set construction, set painting, stage management, general theater maintenance and scene shop organization, prop construction and publicity.

SCRIPT WRITING (Block Semester 2) (PA14) **1 credit** **Grades 10-12**

Students learn the essential elements of a successful script writing for a variety of genres, including how to structure an effective narrative, how to create engaging characters, how to develop and maintain suspense and tension, and how to engage an audience's emotional response, cultural views and point of view. Students will then use skills to write a variety of scripts.

MUSIC ELECTIVES

MUSIC THEORY (PA04) **1 credit** **Grades 9-12**

Music theory is for musicians who have the basic knowledge of how to read western classical music . The materials covered include all major and minor scales & key signatures, intervals within an octave, chord structures and inversions through seventh chords, harmonic movement and music forms. Students will be taught to aurally identify rhythms, scale quality, intervals and chord quality. Students will be taught concepts of simple composition and arrangement. Music Literature from various centuries will be explored as they relate to form, chord structure and part writing.

MUSIC APPRECIATION (PA31) **1 credit** **Grades 9-12**

Music Appreciation explores music and its role in our lives. The course covers social, cultural and historical contexts of music. Students will learn to appreciate music by listening to and analyzing a large amount of music throughout the course.

INSTRUMENTAL MUSIC

CONCERT BAND (PA09) **1 credit** **Grade 9**

This ensemble is also available for honors credit. Students must attend an information meeting and complete additional course work each quarter in order to qualify for the honors credit.

MARCHING BAND (PA11) **.5 credit** **Grades 9**

SYMPHONIC BAND & WIND ENSEMBLE (PA10) **1 credit** **Grades 10-12**

This ensemble is also available for honors credit. Students must attend an information meeting and complete additional course work each quarter in order to qualify for the honors credit.

MARCHING BAND (PA13) **.5 credit** **Grades 10-12**

Marching band starts in the summer and continues three days a week after school. It will also meet during regularly scheduled class time. After marching season, students will be divided into three concert bands. Each concert band will perform a minimum of three concerts throughout the year and students are encouraged to participate in OMEA solo and ensemble.

Marching band is required of all band members unless there is a conflict with a school sponsored fall athletic program or if the student qualifies for a medical exemption. If a student selects the athletic and/or medical option, they then must have an Athletic or Medical Exemption Form signed by their parents and returned to the band directors for approval. Students choosing to take the athletic or medical exemption will receive 1 credit.

VOCAL MUSIC

TENOR-BASS CHOIR (PA05) **1 credit** **Grade 9-12**

Any male in grades 9-12 is eligible for this ensemble. Students will receive instruction to develop singing skills, breathing, sights singing and performance technique. This ensemble performs a wide variety of musical styles. They will have concerts throughout the school year and will take part in OMEA Adjudicated Events. This ensemble is also available for honors credit. Students must attend an information meeting and complete additional course work each quarter in order to qualify for the honors credit.

TREBLE CHOIR (PA06) **1 credit** **Grade 9-12**

Any female in grades 9-12 is eligible for this ensemble. Student will receive instruction to develop singing skills, breathing, sights singing and performance technique. This ensemble performs a wide variety of musical styles. They will have concerts throughout the school year and will take part in OMEA Adjudicated Events. This ensemble is also available for honors credit. Students must attend an information meeting and complete additional course work each quarter in order to qualify for the honors credit.

SELECT CHOIR (PA07) **1 credit** **Grades 10-12**

Prerequisite: Audition by Director

Select Choir is an advanced, mixed ensemble of auditioned singers in grades 10-12. All musical elements explored in Tenor-Bass Choir and Treble Chorus will be further studied including vocal techniques, vowel alignment, breath control, sight-reading, and performance skills. This ensemble performs a wide variety of musical styles. They will have at least four concerts a year and will take part in OMEA Adjudicated Events. This ensemble is also available for honors credit. Students must attend an information meeting and complete additional course work each quarter in order to qualify for the honors credit.

GHS A CAPPELLA (PA08) **1 credit** **Grades 10-12**

Prerequisite: Audition by Director and enrollment in Tenor-Bass, Treble or Select Choir

GHS A Cappella is a highly select performing group of auditioned singers in grades 10-12. They perform extensively throughout the year at school and community events, concerts, holiday gigs and the A Cappella Spring Show, focusing on a variety of music from pop to jazz to a cappella. Membership to A Cappella requires a commitment to singing, afterschool rehearsals and performing. A Capella class will meet exclusively after school hours according to a schedule developed by the director. Options will be offered to students in school sponsored athletic programs. GHS A Cappella will be offered as a pass/fail course.

PHYSICAL EDUCATION & HEALTH

PHYSICAL EDUCATION (PE01) **. 5 credit** **Grades 9-10**

This is a semester long block course focusing on participation in both individual and team sports. Personal fitness will be explored through fitness activities and the testing of health related fitness components. Students will complete the State of Ohio's Physical Education Evaluation. Completion of this course will satisfy the physical education requirement for graduation.

HEALTH (HE01) **.5 credit** **Grades 9-10**

This course is designed to develop the student's knowledge of the human being from a mental, physical, emotional, and social perspective. The units covered include but are not limited to; domestic issues, interpersonal relationships, mental and emotional health, body systems, communicable and non-communicable diseases, nutrition and fitness, and abuse in tobacco, alcohol and drugs.

WEIGHT TRAINING AND CONDITIONING (PE09) **.5 credit** **Grades 9-12**

This year long course is designed for students participating in extracurricular athletics, serious athletes, or those with a strong interest in physical fitness, weight training and conditioning. Students are expected to dress properly and participate daily in instructor lead weight training and condition activities. In this course, students will perform in and out of season strength programs that place an emphasis on muscular strength and endurance development. Students will be evaluated on their knowledge of exercise physiology, kinesiology, and basic human anatomy as it pertains to weight training and conditioning. Students will be responsible for maintaining individualized training programs that demonstrate the basic training principles. Safety will be stressed.

LEISURE SPORTS AND PERSONAL FITNESS (PE03) **.5 credit** **Grades 10-12**
Prerequisite: Completion of Physical Education or the P.E. Waiver

This semester long block course is designed to offer upperclassmen an opportunity to participate and compete in both individual and team sports. Students will develop an understanding of scoring, rules and procedures for all games. Students will also develop an appreciation for maintaining a healthy and active lifestyle.

PHYSICAL EDUCATION MENTORSHIP (PE04) **.5 credit** **Grades 10-12**
Prerequisite: Completion of P.E. credit or P.E. Waiver

This is a period year long course designed to promote physical, emotional, and social development of those students with identified needs through a partnership with upperclassmen who have met the prerequisite and have received instructor approval. This course focuses on the development of fine and gross motor skills and cooperative learning by participating in individual and team sports activities. Upperclassmen will be expected to partner with students with identified needs to assist them in physical, emotional, and social development goals with an emphasis on safety and sportsmanship. In addition, this course is designed to benefit upperclassmen who have career goals in the fields of special education, nursing or physical education. Students will be required to actively participate and complete various written assessments. Cap is 15 students.

PHYSICAL EDUCATION WAIVER

Students who have participated in interscholastic athletics, marching band or cheerleading/dance team for at least two (2) full seasons OR the Junior Reserved Officer Training Corps (JROTC) program for two years as defined in the Green High School Student Handbook, while enrolled in grades 9 through 12, and as documented by the Green High School Administration, may be excused from the high school physical education requirement. Students electing such an excuse shall complete one-half (1/2) unit of at least sixty (60) hours of instruction in another course of study which is designated by the Board as meeting the high school curriculum requirements. (GLS Board Policy 5460 Graduation Requirements)

VISUAL ARTS

2-DIMENSIONAL ART CLASSES

2-DIMENSIONAL ART 1 (UA01) **1 credit** **Grades 9-12**

This class is designed to give students an opportunity to explore two-dimensional art. Project goals will emphasize creative thinking, real life observation, and using color theory to guide artistic decisions. Students will create several different projects using a variety of media. Artwork may include graphite, colored pencils, watercolors, acrylics, pastels and printmaking. This class is a prerequisite for 2-Dimensional Art 2.

2-DIMENSIONAL ART 2 (UA02) **1 credit** **Grades 10-12**
Prerequisite: 83% in 2-Dimensional Art 1

Students will build on skills learned in 2-dimensional Art 1. An emphasis will be placed on drawing from observation, creative solutions and problem solving, and communicating meaning in artwork. Students will explore a variety of artistic techniques and work with a variety of media such as graphite, charcoal, colored pencil, felt, watercolor, acrylic and chalk pastel. Students will create reference photographs. Student will begin to work with the Photoshop program as a drawing and painting tool. This class is a prerequisite for 2-Dimensional Art 3.

2-DIMENSIONAL ART 3 (UA03) **1 credit** **Grades 11-12**
Prerequisite: 93% in 2-Dimensional Art 2

Students will create artworks that require experimentation, imagination, and personal expression. An emphasis will be placed on creating meaning in art. Planning and reflection will be important aspects of artistic development. Students will continue work in similar materials, with a stress on mixed media. Students will create works suitable for a portfolio and scholarship consideration. Students will continue to work with the Photoshop program as a drawing and painting tool. This class is a prerequisite for 2-Dimensional Art 4.

2-DIMENSIONAL ART 4 (UA04) **1 credit** **Grade 12**
Prerequisite: 93% in all previous art courses and teacher permission (see an art teacher for application)

This course is designed for the serious art student wishing to complete an art portfolio to be used for college entry or scholarship consideration. Students must have successfully completed a variety of art courses. Students will be expected to conduct research, log personal reflection about their work, and create art which displays personal meaning and skill development. Students will create reference photographs. Students will continue to work with the Photoshop program as a drawing and painting tool.

3-DIMENSIONAL ART CLASSES

3-DIMENSIONAL ART 1 (UA05) **1 credit** **Grades 9-12**

Clay, clay and more clay. Get down and dirty with the foundations of 3_Dimensional art beginning with how to make ceramic art. You will create a variety of projects, decorative things to look at, and functional things to eat and drink out of. Work begins with clay as we introduce other materials including wire, found objects and paper mache. Emphasis in class is on the planning process, how art is designed and made. An introduction to the history of sculpture and ceramics will be explored in this level one sculpture class. This is a prerequisite for 3-Dimensional Art 2.

3-DIMENSIONAL ART 2 (UA06) **1 credit** **Grades 10-12**
Prerequisite: 83% in 3-Dimensional Art 1

Sculpting on a larger scale. Level 2 will focus on designing and sculpting more advanced structures. We will continue to work with clay and add new sculptural materials. Projects may include working with lighting/electricity as well as fountains/water. Emphasis in this class will be on craftsmanship, productivity and personal expression. Advanced color theory will be explored. This class is designed for the more independent and creative thinker.

3-DIMENSIONAL ART 3 (UA07) **1 credit** **Grades 11-12**
Prerequisite: 93% in 3-Dimensional Art 2

Sculptural artwork will include realistic depictions, abstract interpretations, functional and decorative art objects. An emphasis will be placed on textural, three-dimensional surfaces, skill development and personal expression. These works will require research, planning and reflection as important aspects of artistic development. Students will create works suitable for a portfolio and scholarship consideration.

3-DIMENSIONAL ART 4 (UA08) **1 credit** **Grade 12**
Prerequisite: 93% in all previous art courses and teacher permission (see an art teacher for application)

This course is designed for the serious art student wishing to complete an art portfolio to be used for college entry or scholarship consideration. Students must have successfully completed a variety of art courses. Students will work independently under the direction and consultation of an art teacher. Students will be expected to conduct research on past and contemporary artists and create art which displays personal meaning and skill development.

OTHER ART ELECTIVE CLASSES

DIGITAL PHOTOGRAPHY (UA12) **1 credit** **Grades 9-12**
A digital camera or high quality phone camera is required for this course.

Students will learn the fundamentals of composing quality images, uploading images to a computer, printing, and creating an online digital portfolio. Students will work in Adobe Photoshop. Photo basics such as portraits, action and landscape will advance to creative assignments including multiple exposure, montage and stop motion videos. Cameras may include cell phones with a high quality camera, point and shoot or digital SLR. Cameras should have settings (macro, action, night, landscape) to allow for more creative shots. 10 or more megapixels is recommended. A limited number of cameras will be available to check out in the LRC.

VOCATIONAL RELATED

Business - Computer - Telecommunications

BUSINESS

This section of business courses is being offered as an orientation for a career in the business field.

INTRO TO BUSINESS AND PERSONAL FINANCE (VR32) **1 credit** **Grades 9-12**

This class provides a new approach for students to discover availability and usefulness of business subjects to their futures. The course will cover an introduction to such activities as record keeping, banking and economic understanding. Also, topics dealing with career exploration, savings, investing, money management, income taxes, insurance, consumer information, credit and business for personal use

ENTREPRENEURSHIP (VR33) **1 credit** **Grades 9-12**

This course is designed to give the student a basic guide to the process of getting into and managing his or her own business. The course focuses on the steps necessary to start a business, including the legal forms of business ownership, market research and advertising, hiring employees, human resource management, business ethics and a variety of start-up activities. The student will focus on preparation of a business plan.

SPORTS AND ENTERTAINMENT MARKETING (VR34) **1 credit** **Grades 9-12**

The sports and entertainment industry is the eleventh largest industry in the United States. More than 10 billion dollars is spent every year on sports/entertainment advertising. Employment estimates indicate that there are approximately 4.4 million sports/ entertainment-related jobs in marketing, entrepreneurship, administration and media. The jobs include sports agents, sports facility managers, sports publicists, sales managers, marketing directors, travel agents, venue coordinators and many others. The course will be available for 9-12 graders who are interested in learning about the marketing/business aspect of the sports/ entertainment industry. The course will analyze the background and history of the sports/entertainment industry. Students will learn basic marketing skills, economic factors affecting the industry, trends and current events.

ACCOUNTING PRACTICES 1 (VR35) **1 credit** **Grades 10-12**

This is a basic course in accounting that includes vocabulary and an understanding of applying accounting procedures to the various documents (journals, ledgers, worksheets, receipts, checks, balance sheets). The course covers the workings of various types of businesses: corporations, sole proprietorships and corporations. In addition to receiving an understanding of accounting procedures, students will be exposed to the basics of automated accounting to reinforce accounting principles. This class includes several simulations projects.

ACCOUNTING PRACTICES 2 **(**VR36) **1 credit** **Grades 11-12**
Prerequisite: Accounting Practices 1

The purpose of Accounting Practices 2 is to gain a deeper understanding and knowledge of accounting in preparation for future business and/or accounting majors in college. Through the use of accounting software, students will be provided with extensive coverage of accounting systems, procedures, and control. The student will receive a broad understanding of business activities needed in order to maintain and interpret financial records for business management.

EDUCATION AIDE (VR03) **.5 credit** **Grades 11-12**

This is an opportunity for GHS students that are considering elementary education as a possible career. Students will go to Greenwood or Green Primary School and work directly with Kindergarten—third grade students. You will gain valuable experience in an elementary setting working with students of various levels. Students MUST HAVE their own transportation to Greenwood or Green Primary School for this opportunity. Good attendance is mandatory to be considered for acceptance into this program. Students must complete an application to be considered for the class.

OFFICE AIDES: (Main, Student Services, Athletic, Media Center) No credit Grades 9-12

Students must receive approval from administration. Students must maintain good attendance, good academic standing and have the ability to maintain confidentiality. Students must be open and willing to do any task asked.

TEACHER AIDES: **No credit** **Grades 10-12**

Students may apply to assist individual teachers and/or departments as an aide.
Students must comply with the following requirements:

1. Students must seek out the approval of the teacher and/or department they wish to work with.
2. Students must maintain good attendance, good academic standing, and have the ability to be self motivated to complete tasks.
4. Students must abide by the expectations set forth by the teacher and/or department.

SKILLS FOR SUCCESS (VR20) **1 credit** **Grades 9-10**

This course will offer students the opportunity to develop the skills needed to be a successful high school student. Topics that will be covered: goal setting, time management, mindfulness techniques to reduce anxiety and stress, study skills, job/career exploration, employability skills, and the 3 E's (enrollment, enlistment, employment). Students will begin to explore job/career readiness through the development of an individualized student career portfolio to begin to set goals for their plans after high school. This course will assist students in earning the Ohio Means Jobs Readiness Seal.

SUCCESS AFTER HIGH SCHOOL (VR21) **1 credits** **Grades 10-12**

This course is designed to help students develop the skills needed to be successful at school and to determine their path after graduation. Students will explore job/career readiness through the development (or continuation) of a student career portfolio. Student portfolios will be individualized to meet their goals for enrollment, enlistment or employment. Course opportunities will include: guest speakers, job shadowing, visits to employment sites, and college partners. This course will assist students in earning the Ohio Means Jobs Readiness Seal.

SENIOR EXPERIENCE (VR13) **4 credits** **Grade 12**

Senior Experience allows qualifying seniors a unique opportunity to gain real-world experience through a workplace environment. Advantages of this program include exploring a possible career path, gaining valuable work experience, enhancing your resume, developing and refining time management skills, receiving financial compensation, networking with professionals in the field, gaining confidence, and transitioning into the workforce or post secondary education. In addition to time spent at the work site, students in the program are required to complete assignments that will be graded. Examples of assignments include: weekly schedules, weekly journals, monthly mentor evaluations, resume/cover letter, weekly pay stub audit, self-evaluations, etc. Students will work to earn the Ohio Means Jobs Readiness Seal and work based learning credits. Students must be licensed drivers with viable transportation to travel between school and work.

COMPUTER

COMPUTER APPLICATIONS (CM01) **.5 credit** **Grades 9-12**

This course focuses on using the Google Suite. We will learn how to use features within Google Docs, Google Sheets, Google Forms, Google Gmail, Google Calendars, Google Contacts, Google Sites and more. This class is a good introduction for other computer courses offered and is very beneficial for all learners as the Google Suite is used in multiple areas of life.

MULTIMEDIA (CM02) **.5 credit** **Grades 9-12**

The purpose of this course is to provide students with the opportunity to learn, make decisions about and use interactive multimedia software. The focus of the course will be the use of computers to present text, graphics, video, animation and sounds in an integrated way. Students will use Audacity to edit audio files, Pixlr.com to edit photos, WeVideo.com to edit videos and Google Slides to learn hyperlinking.

AP COMPUTER SCIENCE PRINCIPLES (CM32) **1 credit** **Grades 10-12**

This course introduces you to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, students will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. The AP CSP course is organized around seven **big ideas**, which are: Creativity, Abstraction, Data and Information, Algorithms, Programming, The Internet, and Global Impact.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

AP COMPUTER SCIENCE A (CM31) **1 credit** **Grades 11-12**
Prerequisite: AP Computer Science Principles

AP Computer Science A is an introductory college-level computer science course that is required for multiple degrees in college. The students will increase their problem solving skills by creating appropriate algorithms for real life problems. Students will learn to develop programs with good structure and design.

Any student enrolled in an AP course is required to take both the final exam in April and the College Board AP exam in May. There is a fee for the AP exam. Any student with financial concerns should see his or her school counselor.

TELECOMMUNICATIONS

ANNOUNCEMENTS AND TALK SHOWS (LA32) **1 credit** **Grades 9-12**

This television production course has students creating talk shows and news stories for the school and the community providing real world experiences. Students will often produce the announcements for the school's daily broadcast. Students will learn television production standards, equipment and vocabulary. Students must be mature enough to be trusted with television production equipment and have the ability to work in a group project setting independent of constant teacher supervision. Due to the nature of the projects, good attendance is important.

VIDEO EDITING (LA33) **1 credit** **Grades 9-12**

This class concentrates on writing and creating, and editing video projects using Adobe Premier, giving students a marketable skill for after high school. Students will learn editing vocabulary, styles, and software skills. Students must be mature enough to be trusted with television production equipment and have the ability to work in a group project setting independent of constant teacher supervision. Due to the nature of the projects, good attendance is important.

VIDEO EDITING 2 (LA31) **1 credit** **Grades 9-12**

This project based class will build off the basic skills learned in Video Editing including cinematography, audio, graphics, lighting, and project planning. Students will use those skills to create quality videos with other motivated students. This class is for students who have taken Video Editing and want to build upon the basics.

AIR FORCE JROTC

ROTC 1,2,3,4 (RC09, RC10, RC11, RC12) 1 credit Grades 9-12

Advantages/Benefits

*Two years of JROTC waives high school physical education requirement
*Offers students an obligation-free environment to determine if they want to serve in the military
*Three successful years in JROTC gives automatic rank-up for students who choose to enlist after high school (higher rank = higher paychecks)
*Successful JROTC completion gives advantages to students seeking military scholarships/academy appointments

Curriculum

Air Force JROTC is **not** a military recruiting program and **there is no military service obligation** for taking it. This citizenship and leadership-focused curriculum offers something for every student. Many take ROTC for the discipline and goal-setting strategies taught in the program, and some are interested in leadership development: aerospace-minded students are attracted to the flight and space elements of the curriculum, while military history buffs enjoy learning about the history and traditions of the military.

The JROTC program is packed with lessons and experiences intended to identify and develop students' maximum potential. JROTC students and parents say it is the best class their student took in high school! JROTC offers a compelling and action-packed curriculum in health and wellness, fitness, military customs and courtesies, drill and ceremony , discipline and self control, character and leadership development, uniform wear and attention to detail, organizational skills, military history and traditions, goal setting , and self control. The invaluable life skills, friendships, camaraderie, leadership experience, curriculum-in-action trips, leadership camps, community service events, and local JROTC sports and drill competitions make this program the most unique elective at Green High School.

Co-Curriculars

The AFJROTC program doesn't stop when students leave the classroom. While not mandatory, students are encouraged to become active in the program's after-school drill team, color guard, community service activities, leadership team etc. JROTC not only improves students' discipline, self control, organizational skills, goal setting and attention to detail, students become a part of a high-quality peer group focused on their leadership development and becoming citizens of high moral character.



Portage Lakes | Career Center

PORTAGE LAKES CAREER CENTER

The Portage Lakes Career Center (PLCC) will serve as an extension of Green, Coventry, Manchester and Springfield High Schools. Students electing to attend the Career Center will graduate & receive their diploma from the High School of the district that they reside in. Students can attend the Career Center and still participate in band, athletics, and other extracurricular clubs and activities at their home high school. Bus transportation will be provided to and from the Career Center from the high school. Students who wish to attend Portage Lakes Career Center for a full day (academics and program) must have 8 credits. They must have 6 credits for half a day (program only.)

PLCC CAREER & TECHNICAL PROGRAMS

ARTS AND COMMUNICATIONS CAREER PATH

Design, Communication & Marketing (DCM) 3 credits/year

Prerequisite: Junior status

This program offers students the opportunity to develop the knowledge, skills, and competencies needed to pursue a career and become a successful Visual Communication Design professional in today's multimedia world. Using state-of-the-art technology and equipment, students will explore and build creative capacity in: Graphic Design, Video Production, Digital Art & Illustration, Photography, and Multimedia Imaging & Design. ***Students can potentially earn a number of Adobe certifications as well as college credits in this program.***

HEALTH SCIENCE CAREER PATH

Pre Nursing (PREN) 3 credits/year

Prerequisite: Junior status

The Pre Nursing program offers the perfect starting point for a student who is planning a career in health occupations. Students in this program will be eligible to participate in state testing to be recognized as a State Tested Nurse Aide. Pre Nursing students will receive training in current health care concepts and processes and health care equipment. ***Students can potentially earn their STNA certification as well as college credits in this program.***

Medical Technician (MT) 3 credits/year

Prerequisite: Junior status

The Medical Technician program is a good fit for students who are interested in a career in the healthcare field but not necessarily full, direct patient care. Students will learn to perform phlebotomy and EKG testing while exploring pharmacology and health information systems. This diverse experience will prepare students for several different exciting fields including working in doctor or dentist offices, working in pharmacies, or pursuing a path as a healthcare technician in a variety of areas. ***Students can potentially earn their Pharmacy Technician and EKG Technician certificates as well as college credits in this program.***

Sports Medicine (SMED) **3 credits/year**
Prerequisite: Junior status

The Sports Medicine program focuses on the basic concepts of strength training techniques, muscle and cardiovascular endurance, athletic injuries and prevention, athletic taping and bracing and sports nutrition/wellness. Students who complete this two-year program will be trained for employment such as rehabilitation care assistants, handicapped care assistants, and physical fitness employees in health clubs. Additionally, many students opt to continue in four-year programs for Athletic Training, Exercise Physiology, Pre-medicine, and Physical Therapy. ***Students can potentially earn their AMCA Physical Therapy Aide certification as well as college credits in this program.***

Dental Assisting (DA) **3 credits/year**
Prerequisite: Junior status

The Dental Assisting program is a great fit for students interested in a career in dental healthcare. A dental assistant plays a crucial role in supporting dentists and ensuring the dental office runs smoothly. Students will learn things like; preparing treatment rooms and sterilizing instruments, how to assist during dental exams, taking x-rays and impressions, educating patients on oral hygiene, and maintaining patient records. ***Students can potentially earn their Ohio Certified Dental Assistant and Dental Assistant Radiographer's certifications as well as earn college credits in this program.***

HUMAN SERVICES CAREER PATH

Cosmetology (COS) **3 credits/year**
Prerequisite: Junior status, good attendance, artistic creativity

Upon completion of this two-year program, students will be eligible to take the State of Ohio licensing examination for cosmetology, which includes hair, skin and nails. Toward the end of the junior year, students can actually work on patrons in the cosmetology salon. Students are involved with all the current services offered in today's salons. ***Students can potentially earn their Ohio State Cosmetology & Barber Board License as well as college credits in this program.***

HOSPITALITY & TOURISM CAREER PATH

Culinary Arts (CA) **3 credits/year**
Prerequisite: Junior status, good attendance, artistic creativity

Students in the Culinary Arts program get the unique opportunity to train in a culinary institute environment. Prepare, present and serve food to the public while learning all aspects of the food service industry. Gain practical experience planning menus and meals and operating The Neon Lime, our student run restaurant that is open to the public. Students are encouraged to further their training at the post-secondary level. ***Students can potentially earn their ServSafe Food Handler's or Managers License and ProStart Certificate of Achievement as well as college credits in this program.***

LAW & PUBLIC SAFETY CAREER PATH

Fire Academy (FIRE) 3 credits/year

Prerequisite: Junior status

Students in this program will learn the academics, physical skills, and employability skills to better prepare them for a career in firefighting as well as entry level EMS skills. Students will be instructed in fire behavior, building construction, search and rescue, hose and fire streams, ground ladders, handling and care of physical evidence, first aid and CPR, EMT basic skills, medical emergencies, trauma and advanced airway management. ***Students can potentially earn their Firefighter I & II, EMT Basic, 9-1-1 Basic, and NIMS certification as well as college credits in this program***.

Law & Criminal Justice (LCJ) 3 credits/year

Prerequisite: Junior status

The Law & Criminal Justice program at Portage Lakes Career Center is committed to providing students with the quality education and training needed to perform effectively in a wide variety of career positions within the criminal justice and legal fields. Training will focus on the knowledge and enforcement of the law and the protection of life and property in both the public and private sectors. Law & Criminal Justice students need to be honest, respectful, caring, have good judgement, and be physically fit. They should also be able to work in a team environment with minimal supervision. All students in this program must successfully pass a drug screen. ***Students can potentially earn their NIMS, Taser, ASP Baton, OC Pepper Spray, and 9-1-1 Basic certifications as well as college credits in this program***.

TRANSPORTATION SYSTEMS CAREER PATH

Automotive Technology (AUTO) 3 credits/year

Prerequisite: Junior status

In the Automotive Technology program, students gain knowledge and experience in the challenging field of automotive service and repair. This is an Automotive Service Excellence (ASE) nationally certified program, where students learn mechanical service repair and diagnostics on cars and light trucks. Practical experience is gained in the areas of brakes, electrical, steering, and suspension systems and engine performance. ***Students can potentially earn their ASE, Automotive Lift Institute, and SP2 certifications as well as college credits in this program.***

CONSTRUCTION TECHNOLOGIES CAREER PATH

Building Trades (BT) 3 credits/year

Prerequisite: Junior status

This program provides organized learning experiences in the classroom and lab in blueprint reading, carpentry, masonry, residential electrical wiring, plumbing, drywall, roofing, siding, ceramic tile, painting and minor repairs. Students will be instructed in the correct and safe use of power tool operation and construction procedures. This program will prepare students for a professional career in construction, property management, and the remodeling industry. ***Students can potentially earn their OSHA 10, Fork-lift, Man-lift, Aerial Work Platform, and 3M Protection certifications as well as college credits in this program.***

Electrical Technology (ELE) 3 credits/year

Prerequisite: Junior status

The skills developed and the knowledge gained in this program will enable a student to be employed as an electrician apprentice (construction & industrial), factory maintenance worker or electrical assembler. Students in PLCC's Electrical Trades program will learn to install, service, maintain and troubleshoot residential, commercial and industrial wiring systems ***Students can potentially earn their OSHA10, Fork-lift, Man-lift, Aerial Work Platform, and 3M Protection certifications as well as the Ohio State Apprenticeship Council Pre-Apprenticeship Program Certificate of Completion.***

Heating, Ventilation, & Air Conditioning (HVAC) 3 credits/year

Prerequisite: Junior status

This program will prepare students for careers in residential, commercial and industrial climate control systems. Students in HVACR will learn how to design, install, maintain, and repair the equipment used to provide environmental indoor air quality in homes and buildings. ***Students can potentially earn their EPA Core + Levels 1-3 EPA Universal , OSHA10, Fork-lift, Man-lift, Aerial Work Platform, and 3M Protection certifications.***

ENGINEERING & MANUFACTURING CAREER PATH

Engineering Processes (EP) 3 credits/year

Prerequisite: Junior status

In the Engineering, Robotics & Manufacturing ACADEMY, students engage in the design, prototyping and manufacturing of products & devices that drive modern life. We prepare students to enter a number of professional fields including engineering, CNC machining, product design, manufacturing and more. Students can expect to be learning the skills engineers, machinists and technicians use to identify, solve and create solutions to the world's problems. ***Students can potentially earn their AutoCAD User, FANUC-Handling Tool Operation & Programming, OSHA 10, Solid Works Associate, 3M Protection certifications as well as college credits in this program.***

INFORMATION & TECHNOLOGY CAREER PATH

Cyber Academy (CYBER) 3 credits/year

Prerequisite: Junior Status

"Cyber" means computing! Our program includes several fields in Computer Science: computer programing, web design, and web development. Our Cyber Academy program offers students an introduction to some of the fastest growing and well-paying professions in the world. Software developers write and test the code that tells computers what to do. Full stack web designers and developers allow us to interact with the internet. Join us as we explore the use of technology in the modern world. ***Students can potentially earn their Comp TIA certification as well as college credits in this program.***

MANUFACTURING CAREER PATH

Welding (WELD) 3 credits/year

Prerequisite: Junior status

Specialized classroom and shop experiences teach students in this program all types of metal welding, brazing and flame cutting. Students will learn the properties of metals, blueprint reading, electrical principles, welding symbols and mechanical drawing work. These skills can be used to become a fabricator welder, construction welder, repair welder, blueprint reader, and machine operator.
Students can potentially earn their American Welding Society Certified Welder, OSHA 10 and 3M Protection certifications as well as college credits in this program.

SENIOR ONLY PROGRAM

Phlebotomy (PHLEB)

Prerequisite: Senior status

The Phlebotomy program is a one semester, senior-only program that offers a wonderful opportunity to gain valuable credentials and certifications to begin a career in the healthcare field. Students will receive training in proper blood collection techniques and safety precautions to be prepared for immediate employment as a phlebotomist. Students will also have the opportunity to become EKG Certified. This specialized program is ideal for seniors who have met graduation requirements but need direction for life after high school. ***Students can potentially earn their Phlebotomist and EKG certifications in this program.***