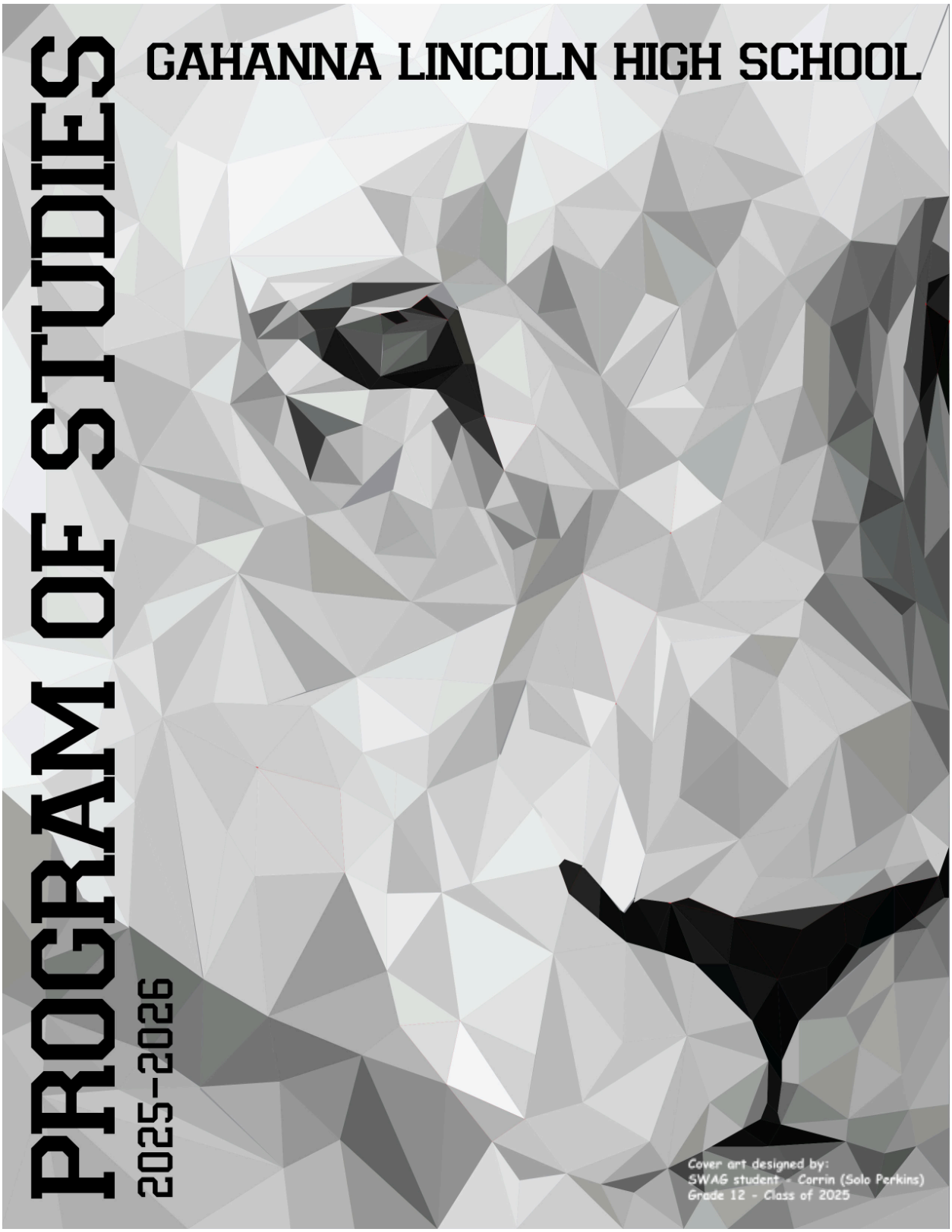
# GAHANNA LINCOLN HIGH SCHOOL

# PROGRAM OF STUDIES

2025-2026



Cover art designed by:
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Grade 12 - Class of 2025

## GAHANNA LINCOLN HIGH SCHOOL

140 South Hamilton Road
Gahanna, Ohio 43230
Phone: (614) 478-5500  Fax: (614) 337-3769

### ADMINISTRATION

Mrs. Jessica Williams, Principal
Mr. Charles Banks, Assistant Principal
Mr. Kristopher Fuller, Assistant Principal
Mr. Stephen King , Assistant Principal
Mrs. Aneesa Locke-Hines, Assistant Principal
Mrs. Keisha Whitfield, Assistant Principal
Mr. Zachary Wiard, Assistant Principal
Mr. Matthew Welsh, Director of Athletics

### SCHOOL COUNSELORS

Mr. Landon Erb, Counselor
Mr. Duane Miller, Counselor
Mrs. Melissa Monnig, Counselor
Mrs. Anna Prenoveau, Counselor
Dr. Julie Nelson Slagle, Counselor
Mrs. Chelsey Stalnaker, Counselor

## DISTRICT OFFICE

630 Morrison Road, Suite 200
Gahanna OH 43230
Phone: (614) 471-7065  FAX: (614) 478-5568

***"Inspiring Learners, Building Futures"***

### DISTRICT LEADERS

Dr. Tracey Deagle - Superintendent
Mrs. Jill Elliott - Assistant Superintendent
Mr. Kevin Klingler - Chief Operations Officer
Mr. Cliff Hetzel - Treasurer

### BOARD OF EDUCATION

Mrs. Kara Coates - President
Mrs. Megan Dimmerling
Mrs. Sue Horn
Mr. Dion Manley
Mrs. Daphne Moehring

# NOTICES

**FEDERAL FAMILY EDUCATION RIGHTS AND PRIVACY ACT OF 1974**

The "Federal Family Education Rights and Privacy Act of 1974" requires school systems annually to inform students 18 years of age or older, and parents/guardians of students under 18 of certain provisions contained therein.

Schools keep a record of the educational development of each student. These records contain information about courses taken, grades, test scores, and other information that is collected in the interest of developing the best educational program for the individual student.

Parents/guardians have the right to access and review the child's school record. To do so, submit a written request to the building principal, who will schedule a time for you to come to the school and review the records in the presence of a staff member. Parents may also question the contents of the child's school records. If there is a concern about the accuracy or appropriateness of the information, a formal review of the information may be requested. Parents, guardians, and school officials will have the opportunity to discuss concerns. Each child's records are confidential and will not be released without prior parental/guardian consent of students under 18 years of age, or without prior written consent of students 18 years of age or older.

There are a few exceptions to the consent requirements. These include use by school officials in the school district; release to officials of another school district in which the student intends to enroll; and response to a court order. Also, "Directory Information" for students in the 12th grade only shall be released to any of the branches of the U.S. Armed Forces upon request with-out written consent from the parents or legal guardian of the student. "Directory Information" includes the student's name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, and other similar information. Directory information shall not be released if the parent or guardian submits a written request. Also, parents/guardians of any student who do not want any personally identifiable information (includes portions of directory information) about their child to be used in any public relations materials generated by the school district must notify the building principal in writing by September 30 each year.

Any citizen of the Gahanna-Jefferson School District is welcome to contact the Department of Pupil Services at 471-7065 or the principal of the child's school for more information about the district's policy regarding the confidentiality of the student's records.

<u>Nondiscrimination Policies/Equal Education Opportunities</u>

Section 504 - The Gahanna Jefferson Public School District does not discriminate on the basis of disabilities relative to admission, access, treatment, or employment in its programs and activities as required by Section 504 of the Rehabilitation Act of 1973, Public Law 93-112, as amended by the Rehabilitation Amendments of the 1974, Public Law 93-516. Inquiries regarding this policy may be directed to the Office of Special Services at (614) 337-3777.

Title IX -The Gahanna Jefferson Public School District does not discriminate on the basis of sex in educational programs, activities, employment policies and practices as required by Title IX of the 1972S Education Amendments. Inquiries regarding compliance with Title IX may be directed to Shea Reed, Director of Human Resources, at (614) 416-6503, Sue Wieging, Director of Special Education, at (614) 416-6501, or to the Director of the Office of Civil Rights, Region V, 55 Erieview Plaza, Room 222, Cleveland, Ohio 44114. Phone (216) 522-4970.

Civil Rights Compliance Statement - All programs are available to students without regard to race, color, creed, national origin, sex, or handicap (maximum extent appropriate to the needs of the students).

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# 2024-2025
# PLANNING AND POLICIES

## HOW TO PLAN YOUR PROGRAM OF STUDIES

This program of studies has been prepared for your present and future use by the combined teaching, school counseling and administrative staff of Lincoln High School (LHS). You are encouraged to carefully plan a program of studies that will assist you in setting and reaching educational and occupational goals. It is important to select courses to fit your college and/or career plans. We suggest that you:

- Choose subjects wisely with the help of counselors, teachers and family. You should consider your abilities, interests, needs and possible vocation. Your previous school records will help to indicate your special abilities, but you must also consider graduation requirements as well as entrance requirements for the post high school educational or career experience of your choice.
- Review all requirements for graduation.
- Read the course descriptions that have been written carefully by classroom teachers before you make your course choices.
- Complete the appropriate Four-Year Plan Sheet on pages 101-105.

## EARLY GRADUATION

Students requesting early graduation must complete the Early Graduation Request form with a parent/guardian's signature **at least one semester prior to the proposed early graduation date**. Students should meet with their school counselor for access to the form. Completed forms must be submitted to the school counselor for review and final approval will be determined by the building principal.

## PROGRESSION TO THE NEXT GRADE LEVEL

The state mandated minimum student course load is 5 credits each year for all students. Students are promoted to the next grade upon completion of the following minimum credit requirements:

- Sophomores – 5 credits
- Juniors – 10 credits
- Seniors – 15 credits

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## GRADUATION REQUIREMENTS

The following section outlines the minimum requirements for a GLHS diploma as prescribed by the Ohio Department of Education and Workforce and the GJPS Board of Education.

NOTE TO FAMILIES AND STUDENTS REGARDING REQUIREMENTS FOR GRADUATION: It is the student's responsibility to see that requirements for graduation are met. LHS will make every effort to maintain up-to-date records and to keep students and families informed about the status of progress toward completing the necessary coursework for graduation. However, it is the student's responsibility to monitor his/her progress towards meeting graduation requirements.

Students interested in a career/technical program at Eastland Career Center or Fairfield Career Center must consult with the school counselors as the graduation requirements may vary from this list.

## GRADUATION REQUIREMENTS

The graduation requirements consist of **THREE** key components:

1. Course Completion *(course credits)*
2. Demonstrating Competency *(state assessments)*
3. Demonstrating Readiness *(graduation seals)*

| COURSE COMPLETION | |
|---|---|
| **ENGLISH** | 4 CREDITS |
| **MATH** | 4 CREDITS (Must include 1 Credit of Algebra II or Equivalent) |
| **SCIENCE** | 3 CREDITS (1 Life, 1 Physical and 1 Advanced Science) |
| **SOCIAL STUDIES** | 3 CREDITS (1 Modern World History, 1 US History and 1 US Government) |
| **PHYSICAL EDUCATION** | .50 CREDIT (2 SEMESTERS @ .25 EACH)<br>Or PE Waiver (2 SEASONS for each activity) |
| **HEALTH** | .50 CREDIT (1 SEMESTER) |
| **MANDATORY ELECTIVES** | .50 SPEECH<br>.50 FINANCIAL LITERACY (PERSONAL FINANCE)<br>1.0 CREDIT IN A VPA |
| **ELECTIVES** | 3 CREDITS STUDENT CHOICE<br>ANY ACADEMIC AREA EXCLUDING HEALTH and PE |
| **STATE ASSESSMENTS** | COMPLETE 6 END OF COURSE EXAMS:<br>ALGEBRA I, GEOMETRY, ELA II, BIOLOGY, AMERICAN HISTORY, AMERICAN GOVERNMENT |
| **CREDITS** | **GRADUATION** = 20 CREDITS |

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## DEMONSTRATING COMPETENCY

Earn a competency score on the Algebra I and ELA II End of Course state exams

OR

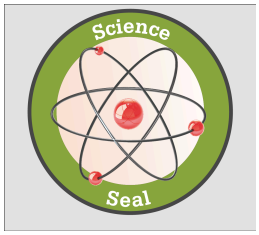
Use an alternative way to demonstrate competency through College Credit Plus, ACT or SAT, career experience and technical skill attainment, or military enlistment.

## DEMONSTRATING READINESS

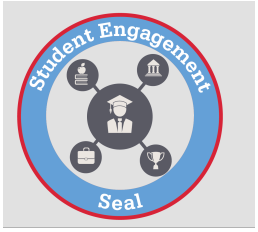
Earn two graduation seals, one of which must be state-defined. *Ohio law has defined 12 diploma seals for students to demonstrate academic and technical skills for college, careers, or the military. Ohio Revised Code sections 3313.618 and 3313.6114*

Specific information for earning each seal can be found in the GJPS Graduation Seals Information document.

STATE-DEFINED SEALS



LOCALLY-DEFINED SEALS

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# ACADEMIC PROGRAMS | COLLEGE AND CAREER PLANNING

## COLLEGE PREPARATORY PROGRAM

The public universities of Ohio operate with unconditional and conditional admissions for acceptance and enrollment. Unconditional admission means the student has met all the specific course recommendations as outlined by that specific university. Conditional admission means the student may be admitted to a particular state university even though he or she has not met all specific outlined course recommendations. Students in the conditional category will be required to make up the high school coursework deficiency after enrollment in college. This conditional and unconditional admission does not apply to out of state schools or private colleges and universities. The following is the minimum college preparatory curriculum recommended by the public higher education institutions of Ohio. Students are encouraged to exceed the minimum:

- Four English Credits
- Four Mathematics Credits (Algebra I, Geometry, Algebra II, elective);
- Three Social Studies Credits
- Three Science Credits (lab sciences preferred)
- Two to Three World Language (the same) credits
- One Fine Arts—VPA Credit

## COLLEGE SELECTION

Over 80% of LHS graduates continue their education at two or four year colleges immediately after graduation. Therefore, it is essential to provide accurate and high quality information, assistance, and support concerning college choice, application, and matriculation to our students and their parents. The School Counseling Department serves as the resource center for all college materials including view books, applications, financial aid, scholarships, College Credit Plus program, college entrance examinations (PSAT, ACT, SAT I, SAT II, AP, ASVAB) and assorted reference materials.

**College Code (CEEB): #362235**. This code is needed when completing college applications and ACT/SAT registration.

Many representatives from various colleges visit our school yearly to meet with Junior and Senior students. Lists of colleges sending representatives are advertised on Schoolinks. Students can sign-up for these visits directly on the Schoolinks website and will receive a pass to attend the visit the day prior. Students must have permission from each classroom teacher whose class will be missed to attend. Parents/guardians are also invited to attend.

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## ADVANCED PLACEMENT (AP)

The Advanced Placement (AP) Program at LHS is an offering of college level courses and exams for secondary students. It is a special learning experience that takes a full year. AP courses are typically more challenging and require more work than other high school courses. **An AP exam is required for each student enrolled in an AP course.** Exams are given in May on predetermined dates established by the College Board. College credit is usually accepted for exam scores of 3, 4, or 5 on a 1-5 scale. The fee for this national exam is $99 per test. Weighted grades are given to AP courses to compensate for higher expectations. ***Students that do not complete the AP exam for a course will not receive the weighted grade in that course.***

Students and families should be very sensitive to the demanding nature of AP courses. Reading expectations are extensive. Students will be asked to be involved in college level activities, particularly in the areas of writing skills and test taking. AP courses place a high degree of emphasis on the student's own self-motivation, study skills, and the ability to self-direct his/her own learning.

## HIGH SCHOOL CAREER CENTER PROGRAMS (THROUGH EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS)

The Eastland - Fairfield Career & Technical Centers are an educational extension of the LHS curriculum program. Students remain enrolled in and graduate from Lincoln High School. The career and technical programs are open to all students 16 years old and older who demonstrate the ability and interest to attend and are accepted through an application process during their sophomore year. Students may participate in all extracurricular activities at LHS. Students are eligible to attend the programs offered at either career center. **Please refer to pages 96-97 for descriptions of programs offered.** Early application is encouraged to provide an opportunity for placement into the student's first program of choice. Applications are available in the School Counseling office starting in early December. More information can be found by visiting Eastland-Fairfield Career and Technical Schools website at www.eastland-fairfield.com.

## MOSAIC

This educational program is offered to students at Lincoln High school through a cooperative relationship with The Educational Council. Mosaic is designed as a two year experience for high school juniors and seniors, although seniors may enter the program for a one year experience. The curriculum is project-based, integrated English, Social Studies, Art appreciation and Cultural studies. Students receive one credit each for English and Social Studies and one-half credit each for Cultural studies and Art appreciation.

Mosaic is for learners who are:

- Independent, original thinkers
- Intellectually curious, creative or unique
- Motivated by "real life" learning experiences
- Interested in the arts and creative expression
- Committed to having a voice and making a difference

The most successful candidates have a strong commitment to independent learning, are capable of assuming responsibility for self-direction, work well with others and have an interest in multicultural/global issues and/or the arts.

For more information, visit http://experiencemosaic.org and visit your School Counselor to discuss this option.

## SPECIAL EDUCATION PROGRAMS

Special education programs are designed for students with a variety of special needs. The Special Education Program concentrates on supporting students with a continuum of services to ensure they are receiving learning opportunities that meet their unique needs. Students are required to have an Individualized Educational Plan (IEP) on file. Please refer questions to the Case Manager.

# EDUCATIONAL OPTIONS

The following general guidelines apply to the educational options provided at LHS:

- Written parental approval is required before any pupil may participate in an educational option.
- Only educational options that have approval before pupil participation may be considered for purposes of promotion and graduation credit.
- Students may be responsible for all fees and other costs related to an educational option.

Educational Options include:

- Early Dismissal/Late Arrival
- College Credit Plus
- Flex Credit Program

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## COLLEGE CREDIT PLUS PROGRAM

College Credit Plus replaces Ohio's Post-Secondary Enrollment Options (PSEO) program and all alternative dual enrollment programs previously governed by Ohio Revised Code Chapter 3365. This program permits students to expand educational opportunities and earn high school credit and transcripted college credit, which transfers to all public colleges and universities in the state of Ohio, through the successful completion of college courses. Students admitted to the program will be required to perform at the same level as the college's regular students.

**Current College Credit Plus Partnerships include:**

- Columbus State Community College
- University of Toledo
- The Ohio State University

*Note: Course selection is not limited to courses offered at the high school or the colleges/universities listed. Additional fees may be applied for courses completed through a private college/university.

Students and families will attend the informational meeting in February. Students must notify their school counselor in writing by submitting the **Intent to Participate** form by April 1 before the year of participation. Students may enroll in college courses with the following criteria:

- Meet **all** of the application and enrollment deadlines set by the Institution of Higher Education.
- Admission to the college/university.
- Meet all prerequisites for the desired course(s) (see course descriptions found within the content areas, or college/university's course catalog for more information).
- If the student fails to complete the course or receives a failing grade, the family is liable for all financial obligations.
- Transportation, if needed, will be the responsibility of the students/families.
- Texts and related instructional materials purchased for the student are the property of the district. At the end of the course, students are responsible for returning texts and instructional materials to the district and are responsible for any fines associated with abuse of the text and related material.

Please visit the school's webpage for more information about the CCP program at GLHS Academics

## EXCHANGE STUDENT PROGRAM

Opportunities are available for students to study in a different country. Interested students should check with their school counselor for additional information.

Policy on the Acceptance of Exchange Students:

FES are permitted to enroll at LHS on a strictly cultural exchange basis. These students must be sponsored by a J-1 Visa exchange program registered on the Department of Homeland Security web site and reside in the district. GJPS will only accept one FES per organization, and the student must be proficient in English. Placements are on a first come, first serve basis. The program sponsor should contact the district's Central Office for additional information.

Students are not permitted to graduate, participate in the graduation ceremony, be awarded a diploma, or receive grades. Grades are provided on a pass/fail system unless other arrangements are established between School Counseling and the teacher. Additional placement and scheduling guidelines are available in the School Counseling office.

## EARLY DISMISSAL/LATE ARRIVAL

Juniors and seniors are eligible for early release or late arrival with completion of the early dismissal/late arrival form signed by a parent/guardian. This form must be submitted with a student's course request form.

## CREDIT FLEXIBILITY

The Flex Credit Program is available for all students, grades 9-12. The Flex Credit program shifts the focus from "seat time" to earn a high school credit to successful performance of standards or competencies. Students can earn units of high school credit based on individually approved flex credit plans. The intent of the Flex Credit program is to meet increased expectations for high school graduation in response to the demand for 21st century skills. Additional information can be obtained by contacting Michael Hunt, Curriculum Coordinator at huntm@gjps.org or by visiting the Academics Section of the GLHS Homepage linked here.

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# COURSE REGISTRATION – SCHEDULING OF CLASSES

## COURSE CHANGES

Serious attention must be paid to selecting a student's schedule in this pre-registration process. However, situations may occur requiring a change in that schedule. Requesting changes may affect class size, teacher assignments, and the overall master schedule. Course changes may be made through the School Counseling office until **March 3, 2025.** ONLY the following reasons will constitute a need for change after this deadline:

- A technical error was made in the process of scheduling the student's request.
- The student has been clearly academically misplaced.
- There is a scheduling conflict.

Schedule changes are officially recorded on permanent records when the following conditions are met:

- All schedule changes must go through the assigned school counselor.
- Schedules will not be changed without appropriate signatures on the change form.
- The schedule change has been entered into the Student Information System.

## COUNSELORS CANNOT CHANGE THE FOLLOWING:

### ADDING A CLASS AFTER SCHOOL BEGINS

Course additions must occur no later than five (5) days after the beginning of a semester or year course. A course may be scheduled in place of a study hall. The schedule will not be arranged to accommodate an additional course.

### COURSE WITHDRAWAL AFTER SCHOOL BEGINS

Students may drop a course without penalty until the twenty-third (23rd) school day of a semester class and the end of the first quarter for a year-long class. The course will be replaced with a study hall. Students will not be permitted to drop the course if their load would drop below the required class load for their grade level.

DROPPING A COURSE AFTER THE DEADLINE WILL RESULT IN AN "F", WHICH WILL APPEAR ON THE TRANSCRIPT AND BE INCLUDED IN THE GPA. THE STUDENT/PARENT/GUARDIAN SHOULD MEET WITH THE TEACHER AND SCHOOL COUNSELOR WHEN THIS CONCERN MAY ARISE.

### COURSE LEVEL TRANSFER REQUESTS

Students and parents requesting a course level change or a transfer from an honors or AP course to general placement after the beginning of the school year **must first discuss this concern with the course instructor.** After evaluating the academic placement of the student and taking into consideration the rescheduling concerns, the schedule change form should be completed with the school counselor, the teacher, the student and the parent/guardian. Course reassignments should be made by the end of the first grading period; **the grade earned to date follows to the reassigned class**.

### AUDITING

With teacher permission, one course per year may be audited. The student must inform their school counselor of this intent by the tenth (10th) day of class. Although no credit is awarded for audited courses, students are expected to fulfill all learning requirements of the specific course as outlined in the board approved course of study.

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## TRANSCRIPTS

Requests for a transcript of high school grades are made through the School Counseling Office or Schoolinks. Please allow five working days for processing the request.

## UNPAID OBLIGATIONS

All fees, charges, and other school fines must be paid according to policy and state law. Grade cards are withheld in the event of unpaid obligations. Seniors must meet all financial obligations in order to participate in commencement, receive a diploma, or have final transcripts issued.

| GRADE POINT SCALE | | | | |
|---|---|---|---|---|
| | | **Regular Scale** | **Honors Scale** | **AP/CCP** Scale** |
| A+ | 98-100 | 4.0 PTS | 4.5000 PTS | 5.0 PTS |
| A | 92-97 | 4.0 PTS | 4.5000 PTS | 5.0 PTS |
| A- | 90-91 | 3.7 PTS | 4.1625 PTS | 4.625 PTS |
| B+ | 88-89 | 3.3 PTS | 3.7125 PTS | 4.125 PTS |
| B | 82-87 | 3.0 PTS | 3.3750 PTS | 3.75 PTS |
| B- | 80-81 | 2.7 PTS | 3.0375 PTS | 3.375 PTS |
| C+ | 78-79 | 2.3 PTS | 2.5875 PTS | 2.875 PTS |
| C | 72-77 | 2.0 PTS | 2.2500 PTS | 2.5 PTS |
| C- | 70-71 | 1.7 PTS | 1.9125 PTS | 2.12 PTS |
| D+ | 68-69 | 1.3 PTS | 1.4625 PTS | 1.625 PTS |
| D | 62-67 | 1.0 PTS | 1.1250 PTS | 1.25 PTS |
| D- | 60-61 | 0.7 PTS | 0.7875 PTS | 0.875 PTS |
| F | 0-59 | 0.0 PTS | 0.0000 PTS | 0.00 PTS |

**College Credit Plus courses are given the same weight as the highest equivalent high school subject (ex. College Credit Plus Gov't = AP Gov't).

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## ATHLETIC ELIGIBILITY

Student athletes must meet all OHSAA scholastic requirements. A student enrolled in the first grading period after advancement from the eighth grade must have a minimum of four (4) credits from the preceding grading period. In order to be eligible in grades 9-12, a student athlete must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student athlete must have received passing grades in a minimum of five one-credit or 0.5 credit courses or the equivalent, which count toward graduation.

PE Courses and Flag Corps are only worth ¼ credits, so in order to count toward the five credits another ¼ credit class must be passed in the same quarter. The eligibility or ineligibility of a student athlete continues until the start of the fifth (5th) school day of the next grading period, at which time the grades from the immediately preceding grading period become effective.

In addition to the OHSAA scholastic requirements, the Gahanna-Jefferson School District has set a minimum grade point average in order to participate in athletics for grades 7-12. Student athletes must have a GPA of at least 2.0 for the proceeding 9 weeks. If a student athlete does not have a 2.0 GPA, he/she is ineligible for the entire 9 weeks. For more information regarding eligibility, refer to the Athletic Code of Conduct and policy.

## VPA – VISUAL OR PERFORMING ARTS

Courses accepted as a VPA at colleges and universities include all visual art, music, and drama courses.

## NCAA CORE CLASSES

The NCAA (National Collegiate Athletic Association) requires students to become certified by the NCAA Eligibility Center to determine eligibility for Division I and II schools. Eligibility is determined by grades in core classes and ACT and SAT exam scores. To register complete the following steps:

- Go to http://eligibilitycenter.org
- Click on **"NCAA College-Bound Student Athletes: Enter Here"**
- Click on **New Account**
- GLHS Code is **362235**
- Have ready a credit card for the $100.00 fee (subject to change)
- More detailed instructions are available in the School Counseling Office if needed.

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# AWARDS

## CAREER/TECHNICAL CURRICULUM

This certificate is presented by the Career Centers.

- Complete a vocational occupational preparation program
- 4 units of English (applied academic credits shall apply)
- 3 units of mathematics (applied academic credits shall apply)
- 2 units of science (applied academic credits shall apply)
- 3 units of social studies
- 2 additional units from one or more of the following: English, science, mathematics, social studies, foreign languages, business, computer science, or visual or performing arts.
- Maintain above-average attendance for grades 9–12 as compared to a four-year state average.
- Demonstrate outstanding achievement in the curriculum as evidenced by one of the following: earning the equivalent of an overall GPA of at least 3.25 on a four-point scale for grades 9–12 or earning the equivalent of an overall GPA of at least 3.5 on a four-point scale for grades 11 and 12 or ranking in the top 25% of the class, whichever is more inclusive.
- Participate in at least one co-curricular, extra-curricular, or community activity during the four years in high school.
- Demonstrate outstanding citizenship/character traits during grades 9-12. Criteria shall include no suspension from school during grades 9-12 for possession, sale, and/or use of intoxicants, illegal drugs, or controlled substances.

## ACADEMIC RECOGNITION ASSEMBLY

In the spring each year, an assembly is held to recognize students who have achieved a designated Cumulative GPA. Specific cumulative grade point averages recognized:

| 9th | 10th | 11th | 12th |
|---|---|---|---|
| 3.9 | 3.8 | 3.7 | 3.6 |

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# COURSE OFFERINGS

**Course Prerequisites**

*Course offerings are organized by department and include detailed descriptions of the course and the requirements for registering. Several courses include prerequisites that must be met for scheduling. However, building administration may override a course prerequisite with careful consideration of a student's circumstances and previous learning experiences.*

## VISUAL ART

| CODE | COURSE | GRADE | CREDIT | FEE |
|---|---|---|---|---|
| 6071 | DRAWING I | 9-12 | ½ | $10 |
| 6072 | DRAWING II | 9-12 | ½ | $10 |
| 6073 | DRAWING III | 10-12 | ½ | $10 |
| 6074 | DRAWING IV | 10-12 | ½ | $10 |
| 6053 | COMPUTER ART I | 9-12 | ½ | $10 |
| 6054 | COMPUTER ART II | 9-12 | ½ | $10 |
| 6364 | DIGITAL PHOTOGRAPHY | 9-12 | ½ | $10 |
| 6050 | CREATIVE CONCEPTS | 9-12 | 1 | $0 |
| 6056 | PAINTING I | 9-12 | 1 | $25 |
| 6060 | PAINTING II | 10-12 | 1 | $25 |
| 6365 | PRINTMAKING | 9-12 | 1 | $25 |
| 6366 | BLACK/WHITE FILM PHOTOGRAPHY | 9-12 | 1 | $15 |
| 6049 | S.W.A.G. | 10-12 | 1 | $25 |
| 6400 | SCULPTURE I | 9-12 | 1 | $25 |
| 6401 | CERAMICS I | 9-12 | 1 | $25 |
| 6402 | CERAMICS II | 10-12 | 1 | $25 |
| 6403 | CERAMICS III | 11-12 | 1 | $25 |
| 6301 | COMMUNITY ART | 9-12 | 1 | $25 |
| 6031 | UNIFIED ART | 9-12 | 1 | $15 |
| 6085 | ART PORTFOLIO | 11-12 | 1 | $25 |

### DRAWING I (VPA)

**COURSE CODE (6071) • CREDIT ½ (E) • GRADES 9-12**

This entry level course will emphasize basic drawing techniques, perceptual skills, one-point perspective, color theory, portraits, composition and the importance of observational accuracy. The class will examine various artists, the Elements of Art, and Principles of Design in relation to drawing technique and style.

### DRAWING II (VPA)

**COURSE CODE (6072) • CREDIT ½ (E) • GRADES 9-12 • PREREQUISITE: DRAWING I**

A continuation of Drawing I, this course will further develop the student's observational and technical skills while introducing two-point perspective, full body proportions, Impressionism and more with the addition of new media and techniques. The class will examine various artists in relation to drawing styles and historical content.

Course Descriptions

## DRAWING III (VPA)

**COURSE CODE (6073) • CREDIT ½ (E) • GRADES 10-12 • PREREQUISITE: DRAWING II**

Drawing III builds on the student's prior skill levels with an emphasis on technique and portfolio development. The class will be introduced to new drawing media and projects that encourage personal expression. The class will examine various artists in historical relation to drawing techniques and styles.

## DRAWING IV (VPA)

**COURSE CODE (6074) • CREDIT ½ (E) • GRADES 10-12 • PREREQUISITE: DRAWING III**

Drawing IV students will experiment with various media and drawing surfaces with an emphasis on personal expression and student-directed projects. The class will examine various artists in relation to drawing techniques and style.

## COMPUTER ART I (VPA)

**COURSE CODE (6053) • CREDIT ½ (E) • GRADES 9-12**

This course explores multiple facets of making art using computer software and hardware in a hands-on, project-based learning environment. Assignments explore the Elements of Art & Principles of Design and their application in creative problem solving. Adobe Photoshop will be used as the primary learning tool in this creative experience. There is no prerequisite for this course - it is designed for students with or without previous experience.

## COMPUTER ART II (VPA)

**COURSE CODE (6054) • CREDIT ½ (E) • GRADE 9-12 • PREREQUISITE: COMPUTER ART I**

Computer Art II offers the student an opportunity to build upon skills introduced in Computer Art I. Students will expand their knowledge and application of Adobe Creative Cloud software to create personally expressive, original works of art. This course integrates skills used in traditional art with digital processes. Assignments explore art theory concepts such as color theory, Elements of Art, Principles of Design, typography, and composition.

## DIGITAL PHOTOGRAPHY (VPA)

**COURSE CODE (6364) • CREDIT ½ (E) • GRADE 9-12 • A DIGITAL CAMERA IS REQUIRED FOR THIS COURSE - DSLR OR MIRRORLESS IS PREFERRED**

This course is designed to teach students to compose and capture images with a digital camera. Students will learn about the essential features of a digital camera, develop compositional skills, and apply the Elements of Art and Principles of Design to photography. Emphasis will be placed on the function, manipulation, and communication of visual ideas. Students will be given an overview of the technical aspects of resolution, file formats, and workflow. Students will use tools such as digital cameras, computers, photo manipulation software such as Adobe Photoshop, and high-quality printers.

Course Descriptions

## CREATIVE CONCEPTS (VPA)

**COURSE CODE (6050) • CREDIT 1 (E) • GRADES 9-12**

Emphasizing the elements and principles of art, Creative Concepts will explore many different media providing a sample of the visual art courses we offer at GLHS. Media covered will be drawing, painting, sculpture, ceramics, digital imaging, photographic processes, jewelry, and print-making. We will be using these media individually as well as combining media to create expressive works of art. Creative Concepts is intended to develop the students' creative visual voice.

## PAINTING I (VPA)

**COURSE CODE (6056) • CREDIT 1 (E) • GRADES 9-12**

Painting I will introduce students to painting media, materials and techniques. The course will build on basic drawing observational skills while learning color theory and color mixing in water-based paints including watercolor and acrylic. The course will emphasize realism, composition and technical skills while also examining artists and artistic styles relevant to class painting assignments. Students will also learn how to assemble stretcher bars and then stretch and prime their own canvases.

## PAINTING II (VPA)

**COURSE CODE (6060) • CREDIT 1 (E) • GRADES 10-12 • PREREQUISITE: PAINTING I**

Painting II will expand on the visual and technical foundation achieved by completing Painting I. Students will be encouraged to explore a variety of media incorporating various painting surfaces in more expressive and self-directed projects. Students will continue to explore water-based paints as well as be introduced to oil-based paint. Continuation of artist movements and styles will be explored, and students will learn how they can incorporate these into their own paintings.

## PRINTMAKING (VPA)

**COURSE CODE (6365) • CREDIT 1 (E) • GRADE 9-12**

This is an introductory course to Printmaking. Basic Elements of Art and Principles of Design will be emphasized within printed compositions. Students will experiment with a variety of printmaking techniques such as collagraphs, mono-printing, image transfers, reduction printing, screen printing, intaglio, and linoleum block printing. As the course progresses, these methods of printmaking will be combined to create unique and self-expressive works of art.

Course Descriptions

## BLACK AND WHITE FILM PHOTOGRAPHY (VPA)

**COURSE CODE (6366) • CREDIT 1(E) • GRADES 9-12 • A 35MM FILM CAMERA IS REQUIRED FOR THIS COURSE**

During the first semester of this course, primary experiences will center around the use and handling of 35mm single lens reflex (SLR) film cameras, film processing, wet darkroom techniques, print manipulation, and the presentation of photographic work. Students will produce meaningful photographs that express ideas about their experiences and observations of the world. Studying the history of photography and the work of well-known photographers will inform students' artmaking. Second semester, this course will expand upon the technical skills developed in the first semester. Advanced darkroom techniques and the creative aspects of photography as a medium will be the primary focus. Experimentation with alternative processes, approaches, and materials will be explored. Students will demonstrate personal aesthetic through the production of a portfolio. Course fees cover the cost of photo chemicals. **STUDENTS WILL NEED TO PROVIDE THEIR OWN 35MM FILM CAMERA AND PHOTOGRAPHY SUPPLIES FOR THIS COURSE.** Cameras range in price, but can be purchased used.

## SCHOOL TO WORK ADVANCED GRAPHICS - SWAG (VPA)

**THIS IS AN APPLICATION COURSE - APPLICATION PROCESS REQUIRED**
**COURSE CODE (6049) • CREDIT 1 (E) • GRADE 10-12 • PREREQUISITE: COMPUTER ART I & II -OR- PERMISSION OF THE INSTRUCTOR**

This course will provide an opportunity for students to work as graphic designers and illustrators to fulfill authentic projects for district faculty and staff, community members, business owners, etc. In-coming jobs will be distributed in accordance with students' experience and expertise. Real-world creative, technical, and business skills will be developed as student-designers strive to meet the client's needs. Students who apply should have experience in some of Adobe's Creative Cloud software, such as Photoshop, Illustrator, InDesign, etc.

## SCULPTURE I (VPA)

**COURSE CODE (6400) • CREDIT 1 (E) • GRADES 9-12**

This course will introduce students to 3D art through sculpture. Students will explore a variety of materials such as wood, wire, metal, plaster, stone, technology, and more as they create artwork expressing the elements and principles of design. Students will learn the proper use of various shop tools, power tools, and equipment as they prepare themselves for building 3-dimensional works of art. Projects will touch on a variety of concepts ranging from personal expression to real-world application. This course will involve the Fab Lab at times, and is ideal for students who prefer a workshop environment and enjoy building with tools, power tools, and a variety of materials.

Course Descriptions

## CERAMICS I (VPA)

**COURSE CODE (6401) • CREDIT 1 (E) • GRADES 9-12**

This entry level course introduces students to 3-dimensional art through clay. Students will explore the hand-building and wheel thrown pottery techniques, and create artwork expressing the elements and principles of design while building on meaningful concepts. *This class will get dirty at times; if students have allergies and/or asthma to dust and organic materials, or a sensitive skin condition such as eczema or psoriasis, caution is advised.* This class is not ideal for long nails or acrylics.

## CERAMICS II (VPA)

**COURSE CODE (6402) • CREDIT 1 (E) • GRADES 10-12 • PREREQUISITE: CERAMICS I**

This course further develops the skills learned in Ceramics I. Emphasis will be placed on taking risks and developing the student's artistic voice. More advanced techniques in clay will be introduced. This class is not ideal for long nails or acrylics.

## CERAMICS III (VPA)

**COURSE CODE (6403) • CREDIT 1 (E) • GRADES 11-12 • PREREQUISITE: CERAMICS II**

This course is for serious art students who enjoy ceramics and pottery. The focus will be on personal expression, building individual aesthetic, and portfolio development. Students will be encouraged to enter regional and state shows. This class is not ideal for long nails or acrylics.

## COMMUNITY ART (VPA)

**COURSE CODE (6301) • CREDIT 1 (E) • GRADES 9-12 • APPLICATION REQUIRED**

The intent of the Community Art class is to make a bigger art impact in the Gahanna community. To fulfill that goal, the students work together and independently to design all of their own projects. Throughout the year, they will work with various organizations, businesses and schools to create public art and community events. Community Art students also have the opportunity to work with SWAG students, do public speaking, write grants for public funding, and learn from professionals in all aspects of the art field. This is a student-led and student-developed course that is a unique opportunity for responsible and motivated GLHS students.

## UNIFIED ART (VPA)

**COURSE CODE (6031) • CREDIT 1 (E) • GRADES 9-12 • APPLICATION REQUIRED**

Unified art class designed for collaboration with students with special learning needs. All students will create a wide range of art projects—alternating working independently, with partners and in groups. Each day will bring a new opportunity to have an exciting time creating art!

Course Descriptions

## ART PORTFOLIO (VPA)

**COURSE CODE (6085) • CREDIT 1 (E) • GRADES 11-12 • PREREQUISITE: 2 VISUAL ART CREDITS and VISUAL ART TEACHER RECOMMENDATION**

Art Portfolio is offered for juniors and seniors who are serious about art and interested in further developing their artistic skills. Students will create artwork to be included in their physical and digital portfolios for future education and employment. Regular, periodic presentations from colleges, universities, art schools and art professionals will occur to expose students to a variety of choices in the art field upon graduation. Visits to professional artist studios and places of artistic employment will also be included. This course is repeatable for juniors and seniors. Participation in the GLHS Spring Art Show is required for seniors in the course. This course is strongly recommended for students interested in pursuing the GLHS Arts Honors Diploma.

Course Descriptions

## BUSINESS

| CODE | COURSE | GRADE | CREDITS |
|---|---|---|---|
| 5010 | COLLEGE AND CAREER CONNECTIONS | 9-12 | ½ |
| 4121 | BUSINESS FOUNDATIONS | 9-12 | ½ |
| 4031 | FINANCIAL ACCOUNTING | 10-12 | ½ |
| 4610 | SPORTS & ENTERTAINMENT MARKETING | 10-12 | ½ |
| 4180 | PERSONAL FINANCE | 11-12 | ½ |
| 4212 | BUSINESS/TECHNOLOGY CAPSTONE | 11-12 | ½ |
| 5800 | CAREER LAUNCHPAD PROGRAM (CLP) | 11-12 | 1 |
| 4500 | ENTREPRENEURSHIP | 10-12 | ½ |
| 4446 | MARKETING PRINCIPLES (DECA) | 12 | 1 |
| 4450 | STRATEGIC ENTREPRENEURSHIP (DECA) | 12 | 1 |
| 4448 | LAB/MERCHANDISING AND BUYING (DECA) | 12 | 1 |
| 4451 | OPERATIONS MANAGEMENT (DECA) | 12 | 1 |
| 5013 | GLOBAL SCHOLARS LEVEL 3 | 11-12 | ½ |

***GRADUATION REQUIREMENTS: PERSONAL FINANCE AND/OR COLLEGE CREDIT PLUS PERSONAL FINANCE WILL SATISFY THE FINANCIAL LITERACY GRADUATION REQUIREMENT.***

### COLLEGE AND CAREER CONNECTIONS

**COURSE CODE (5010) • CREDIT ½ (E) • GRADE 9 –12**

Career Connections is designed for students to strengthen their skills in several in-demand career fields. Students will be involved in hands-on projects representing a variety of career and college pathways, while developing the framework in which to explore their own skills. Students will explore the work world, assess their interests and abilities and learn to make realistic decisions about their continuing education and career goals. This course focuses on several career fields and valuable workforce skills.

### BUSINESS FOUNDATIONS

**COURSE CODE (4121) • CREDIT ½ (E) • GRADES 9 – 12**

Business Foundation is designed for students to obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership, communications and personal financial literacy will be addressed. THIS IS A GREAT FIRST-LEVEL BUSINESS COURSE FOR ALL STUDENTS!

Course Descriptions

## FINANCIAL ACCOUNTING

**COURSE CODE (4031) • CREDIT ½ (E) • GRADES 10 – 12**

Financial Accounting teaches students to track, record, summarize and report a business's financial transactions. They will develop financial documents, project future income and expenses, and evaluate the accuracy of a business's financial information. Students will also apply tools, strategies, and systems to evaluate a company's financial performance and monitor the use of financial resources. Technology, employability skills, leadership and communication will be incorporated in classroom activities. THIS COURSE PROVIDES AN EXCELLENT ACCOUNTING BASE FOR ALL STUDENTS, AND IS HIGHLY RECOMMENDED FOR STUDENTS PLANNING A MAJOR IN ANY AREA OF BUSINESS AT THE COLLEGE LEVEL.

## SPORTS & ENTERTAINMENT MARKETING

**COURSE CODE (4610) • CREDIT ½ (E) • GRADES 10 – 12**

Sports and Entertainment Marketing helps students develop a thorough understanding of fundamental marketing concepts and theories related to the sports and entertainment industries. Students will investigate the components of customer service skills, branding, product development, pricing and distribution strategies, business structures, sales processes, social media, sponsorships and endorsements, as well as promotion plans needed for sports and entertainment events. The course highly supports career development skills and the exploration of career options.

## PERSONAL FINANCE

**COURSE CODE (4180) • CREDIT ½ (R) • GRADES 11 – 12**

Personal Finance is designed to prepare students to successfully manage money based on their goals and desires. Students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics include analyzing services from financial institutions, consumer protection, investing, and risk management. Students are given practical, working knowledge of financial concepts to instill confidence and enable good decision-making for now and into the future. *This course satisfies the financial literacy graduation requirement.*

## BUSINESS/TECHNOLOGY CAPSTONE

**COURSE CODE (4212) • CREDIT ½ (E) • GRADES 11 – 12 • APPLICATION REQUIRED**

Business/Technology Capstone requires students to demonstrate what they know and can do by designing and developing an original solution to a valid open-ended problem. It consists of preparation of a research paper, creation of a product/solution that is an appropriate and logical extension of the paper, a portfolio including specific writing throughout the project period, and a presentation before a Capstone Evaluation panel.

Course Descriptions

## CAREER LAUNCHPAD PROGRAM (CLP)

**COURSE CODE (5800) • 1 CREDIT (E) • GRADES 11–12 • APPLICATION REQUIRED**

Career Launchpad is offered to juniors and seniors to experience a career they may be interested in pursuing through job shadows, internships, and pre-apprenticeships. By gaining a first-hand look at a career, students are prepared to choose a career that matches their passions, strengths, values, and interests, and colleges or other educational opportunities that assist them in reaching these goals. As a result of the experience, students will approach their next interview and internship prepared and confident. Career Launchpad is structured so students spend time in the classroom setting goals and working on college and career skills. In addition, students arrange to mentor for a total 60 hours for 0.5 credit and 120 hours for 1.0 credit. Career Launchpad is an amazing way to test drive one or more careers, network with professionals in the industry, and potentially secure paid employment after high school.

## ENTREPRENEURSHIP

**COURSE CODE (4500) • CREDIT ½(E) • GRADES 10 – 12**

Entrepreneurship gives students the ability to use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. Students will use technology to select target markets, profile target customers, define the venture's mission, and create business plans to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized.

Course Descriptions

## MARKETING EDUCATION (DECA)

**COURSE CODE (4446, 4448, 4450, 4451) • 4 CREDITS • GRADE 12 • APPLICATION REQUIRED**

The GLHS Marketing Education program is designed for seniors who would like to learn and experience the business world. Business careers and specific marketing skills are studied during the year. The standards studied in this program help prepare learners for careers requiring broad, cross-functional knowledge of marketing and management. These functions include buying and merchandising, marketing communications, marketing-information management, pricing, product/service management, supply-chain management, and selling.

**THE MARKETING EDUCATION PROGRAM IS COMPRISED OF FOUR PARTS:**

1. Marketing Theory – A basic study of marketing is made with the opportunity for each student to specialize (individually) in his or her chosen career area.
2. Retail Laboratory Experience – The Paw Print (school store) has been set up for Marketing Education students to experiment and learn retail operations and management skills. Students completely run the store from bookkeeping, bank deposits, advertising, and display, personnel, buying and selling, to managing.
3. Work Experience – Marketing students choose a part-time marketing job which relates to their chosen business career goal. Emphasis is on learning rather than earning.
4. DECA – The DECA Club is an integral part of the Marketing program. Lincoln HS has a very active DECA chapter which has a variety of social, professional, and competitive activities. Marketing students attend several conferences during the year.

There is a bilateral articulation agreement between this course and Columbus State Community College (CSCC). This agreement offers college credit to those students enrolling in a Marketing associate degree program at CSCC within 18 months of high school graduation. See your counselor for more information.

Students completing the Marketing Education program will receive credit for the following courses:

4446 Marketing Principles
4450 Strategic Entrepreneurship
4448 Lab/Merchandising and Buying
4451 Operations Management (*Students should not request this course when scheduling - it will be added to their schedule by counselor or registrar*).

Course Descriptions

## GLOBAL SCHOLARS DIPLOMA

The Global Scholars Diploma is a three-year program that is offered in partnership with the Columbus Council on World Affairs (CCWA). As outlined on CCWA's website, the program develops globally competent high school students by building the awareness and skills needed to take action on a global issue and to become responsible citizens of the world. Throughout the course of the three-year program, students communicate and collaborate face-to-face with global community partners, businesses, civic leaders, and people of varying cultural backgrounds.

Year 1 specifically focuses on building students' awareness of several global components. Students at this level are exposed to a wide range of global cultures, issues, and careers in order to make them aware of the diverse traditions, experiences, skills, problems, and solutions that exist around the world. Year 1 students have the opportunity to hear informative presentations and to interact with experts in each of these areas, building their overall knowledge of a broad range of topics.

In Year 2, the program builds upon the awareness that students gain in Year 1. Students in year 2 attend similar events that focus on global issues, cultures, and careers, while also taking an eCourse that supports and enhances the topics covered at the face-to-face events. Year 2 is about developing the skills needed to communicate across cultures, to be successful in a global career, and to find solutions to complex issues.

## GLOBAL SCHOLARS LEVEL 3

**COURSE CODE (5013) • 1/2 CREDIT (E) • GRADE 11-12 • PREREQUISITE: Completion of Global Scholars Levels 1 & 2**

In the Global Level (year) 3 course students complete their "Take Action" project that is meant to demonstrate the abilities that they have cultivated over the course of the first two years of the Global Scholars program. Students choose a globally-oriented issue about which they are passionate, and they pursue a leadership role in solving it at a local level. Throughout the project, students are in contact with advisors who guide them through the development and execution of their project, and they ultimately present their experiences to their younger peers and the community at the Year End Showcase.

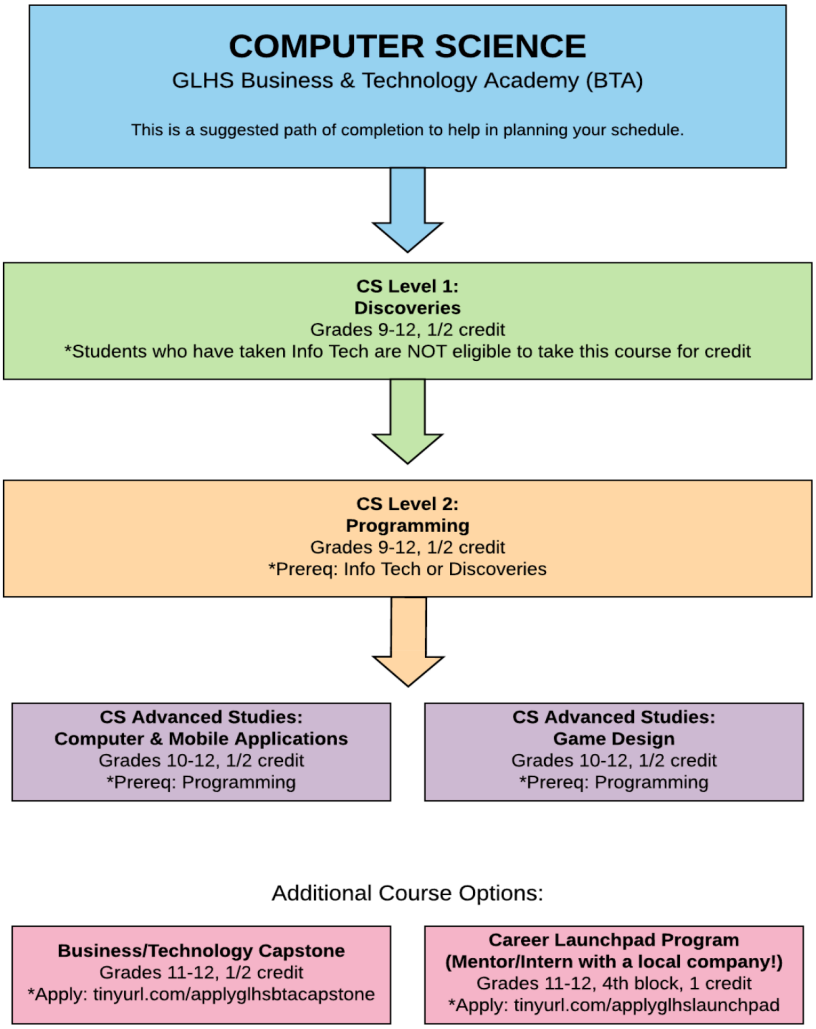
Course Descriptions

## COMPUTER SCIENCE

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 2930 | CS LEVEL 1: DISCOVERIES | 9-12 | ½ |
| 2901 | CS LEVEL 2: PROGRAMMING | 9-12 | ½ |
| 2915 | CS ADVANCED STUDIES: COMPUTER & MOBILE APPLICATIONS | 10-12 | ½ |
| 2902 | CS ADVANCED STUDIES: GAME DESIGN | 10-12 | ½ |
| 5800 | CAREER LAUNCHPAD PROGRAM (CLP) | 11-12 | ½ |
| 4212 | BUSINESS/TECHNOLOGY CAPSTONE | 11-12 | ½ |

***A COMPUTER COURSE IS RECOMMENDED FOR ALL COLLEGE-BOUND STUDENTS. COMPUTER COURSES ARE NOT CONSIDERED MATH OR SCIENCE CREDITS.***

## OPPORTUNITIES FOR EXPLORATION




Course Descriptions

## CS LEVEL 1: DISCOVERIES

**COURSE CODE (2930) • CREDIT ½ (E) • GRADES 9-12**

CS Level 1: Discoveries is an introductory computer science course. Students learn about hardware and software, gain skills in productivity tools, and dive into programming with HTML. Students discover various technology careers, discuss ethics and online safety, and get an introduction to AI, networking and cybersecurity.

## CS LEVEL 2: PROGRAMMING

**COURSE CODE (2901) • CREDIT ½ (E) • GRADES 9-12 • PREREQUISITE: CS LEVEL 1: DISCOVERIES**

CS Level 2: Programming is an introductory course in the basics of programming computers using Java. The course covers many of the programming topics as well as problem solving strategies needed to program. Technical reading and writing are core components of this course. Students interested in continued students should consider the Cybersecurity program at Eastland-Fairfield Career and Technical Schools.

## CS ADVANCED STUDIES: COMPUTER and MOBILE APPLICATIONS

**COURSE CODE (2915) • CREDIT ½ (E) • GRADES 10 - 12**
**PREREQUISITE: CS LEVEL 2: PROGRAMMING**

Students will learn to create applications for mobile devices using the React Native Framework. They will install these applications, modify them, and develop customer service skills to handle user issues. Knowledge and skills related to customer service in professional offices, small businesses, departments, work groups, and corporate information services will be addressed. Students interested in continued studies should consider the Programming and Software Development program at Eastland-Fairfield Career and Technical Schools. *Successful completion of this course with a "B" or higher and completion of the course capstone will award students with the Technology Seal toward graduation.*

## CS ADVANCED STUDIES: GAME DESIGN

**COURSE CODE (2902) • CREDIT ½ (E) • GRADES 10 -12 • PREREQUISITE: PROGRAMMING**

CS Advanced Studies: Game Design prepares students to design and program games using commercial and open source programs and applications. Students will learn industry standard programming language constructs to write programs that integrate classes, class methods, and class instances. Students will learn input method handling, animation, collision detection, game physics and basic artificial intelligence. This is NOT a weighted course when calculating a student's GPA. Students interested in continued studies should consider the Programming and Software Development program at Eastland-Fairfield Career and Technical Schools. *Successful completion of this course with a "B" or higher and completion of the course capstone will award students with the Technology Seal toward graduation.*

## LAUNCHPAD PROGRAM (CLP)

**COURSE CODE (5800) • CREDIT ½ (E) • GRADES 11 – 12 • APPLICATION REQUIRED**

Career Launchpad is offered to junior and senior high school students to experience a career they may be interested in pursuing. By gaining a first-hand look at a career, students are prepared to choose a career that matches their passions, strengths, values, and interests, and colleges or other educational opportunities that assist them in reaching these goals. As a result of the experience, students will approach their next interview and internship prepared and confident. Career Launchpad is structured so students spend time in the classroom setting goals and working on college and career skills. In addition, students arrange to mentor 4 to 6 hours per week for a total of at least 50 hours. Students are dismissed from school during their class period for their field experience, but may also engage in their field experience after school or on weekends.

Course Descriptions

## BUSINESS/TECHNOLOGY CAPSTONE

**COURSE CODE (4212) • CREDIT ½ (E) • GRADES 11 – 12 • APPLICATION REQUIRED**

Business/Technology Capstone requires students to demonstrate what they know and can do by designing and developing an original solution to a valid open-ended problem. It consists of preparation of a research paper, creation of a product/solution that is an appropriate and logical extension of the paper, a portfolio including specific writing throughout the project period, and a presentation before a Capstone Evaluation panel.

# ENGINEERING TECHNOLOGY EDUCATION

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 4130 | INTRODUCTION TO BUILDING DESIGN | 9-10 | ½ |
| 3050 | INTRODUCTION TO ENGINEERING | 9-10 | 1 |
| 3500 | PRINCIPLES OF ENGINEERING | 10-12 | 1 |
| 5450 | DIGITAL ELECTRONICS | 11-12 | 1 |
| 5500 | FABRICATION LAB | 11-12 | 1 |
| 3505 | ENGINEERING DESIGN & DEVELOPMENT | 12 | 1 |
| 00800/00803 | ARCHITECTURE/CONSTRUCTION MANAGEMENT | 11-12 | 4 |

## INTRODUCTION TO BUILDING DESIGN

**COURSE CODE (4130) • CREDIT ½ (E) • GRADES 9-10**

This introductory course gives students hands-on experience with design principles. Students learn blueprint reading as it relates to architecture, engineering, and construction. This course serves as an exploratory course for the Engineering and Architecture programs.

## INTRODUCTION TO ENGINEERING

**COURSE CODE (3050) • CREDIT 1(E) • GRADES 9-10**

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and document their work in an engineering notebook.

## PRINCIPLES OF ENGINEERING

**COURSE CODE (3500) • CREDIT 1(E) • GRADES 10-12 • PREREQUISITE: INTRO TO ENGINEERING**

Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

## DIGITAL ELECTRONICS

**COURSE CODE (5450) • CREDIT 1(E) • GRADES 11-12 • PREREQUISITE: PRINCIPLES OF ENGINEERING**

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits and programmable logic devices.

## FABRICATION LAB

**COURSE CODE (5500) • CREDIT 1(E) • GRADES 11-12 • PREREQUISITE: APPLICATION PROCESS**

Laser cutters, 3D printers, robots and computer programs needed to run them—making things is much cooler than it used to be. The Fab Lab is for those with the interest and talent to bring technology and brainpower together. Students participating in this course are exposed to state-of-the-art equipment, applying the engineering design process and using the same industry leading technology and software used in the world's top companies to solve problems that matter. Contact school counselor or Mr. Kunselman for the application.

## ENGINEERING DESIGN & DEVELOPMENT

**COURSE CODE (3505) • CREDIT 1(E) • GRADES 12 • PREREQUISITE: DIGITAL ELECTRONICS**

The knowledge and skills students acquire through the Engineering program come together in Engineering Design and Development as they identify an issue and then research, design and test a solution, ultimately presenting their solutions to a panel of engineers. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

## ARCHITECTURE/CONSTRUCTION MANAGEMENT

**GRADES 11-12 • PREREQUISITE: APPLICATION PROCESS THROUGH EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS**

Design the buildings and homes of the future. The Architecture/Construction Management program, housed in the state-of-the-art classroom at Gahanna Lincoln High School's Clark Hall, is custom built for students who can visualize a project, work through mathematical problems, and communicate ideas to an audience. Students learn architectural design, problem solving, and explore other creative mediums through visits from professional partners, projects developed with business partners, job shadowing, and mentoring.

Areas of study include:

- Architecture
- Civil Engineering
- Design
- Site planning
- Model building
- Computer design
- Landscape architecture

Course Descriptions

| ENGLISH/LANGUAGE ARTS | | | |
|---|---|---|---|
| **CODE** | **COURSE** | **GRADE** | **CREDIT** |
| 1015 | ENGLISH 9 | 9 | 1 |
| 1030 | HONORS ENGLISH 9 | 9 | 1 |
| 1090 | SPEECH | 9-10 | ½ |
| 1095 | INTRODUCTION TO DEBATE AND RHETORICAL ARTS | 9-10 | ½ |
| 1065 | ENGLISH 10 | 10 | 1 |
| 1075 | HONORS ENGLISH 10 | 10 | 1 |
| 1110 | ENGLISH 11 | 11 | 1 |
| 1108 | AFRICAN AMERICAN VOICE | 11 | 1 |
| 1106 | HONORS ENGLISH 11 | 11 | 1 |
| 1130 | SENIOR LIT & COMP | 12 | 1 |
| 1136 | SHORT STORIES | 12 | ½ |
| 1137 | SPORT AND CULTURE | 12 | ½ |
| 1138 | AFRO-HERITAGE | 12 | ½ |
| 1139 | WOMEN'S STUDIES | 12 | ½ |
| 1132 | RESEARCH CAPSTONE (*new*) | 12 | ½ |
| 1134 | MEMOIR (*new*) | 12 | ½ |
| 1340 | AP ENGLISH LANGUAGE & COMP | 12 | 1 |
| 1343 | AP LITERATURE & COMP | 12 | 1 |
| 10021DC | COLLEGE CREDIT PLUS ENGLISH COMPOSITION I | 11-12 | 1 |
| 10022DC | COLLEGE CREDIT PLUS ENGLISH COMPOSITION II | 11-12 | 1 |
| 1318 | SCIENTIFIC LITERATURE & COMPOSITION | 12 | 1 |
| 1335 | EL WORKSHOP | 9-12 | 1 |
| 1339 | EL BEGINNER ENGLISH 9 | 9-12 | 1 |

Course Descriptions

## ***THEATRE/LANGUAGE ARTS/BROADCAST JOURNALISM***

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 1380 | TECHNICAL THEATER | 9-12 | 1 |
| 1350 | THEATRE INTRODUCTION | 9-12 | ½ |
| 1360 | THEATRE APPRECIATION | 10-12 | 1 |
| 1370 | MUSICAL THEATRE | 10-12 | ½ |
| 1375 | PERFORMANCE STUDIO | 11-12 | 1 |
| 1390 | COMPETITIVE SPEECH AND DEBATE | 10-12 | ½ |
| 1420 | YEARBOOK | 11-12 | 1 |
| 1460 | BROADCAST JOURNALISM 1 | 9-12 | ½ |
| 1462 | BROADCAST JOURNALISM 2 | 10-12 | 2 |
| 1463 | ADVANCED BROADCAST JOURNALISM 3 | 11-12 | 2 |
| 1464 | MULTI-MEDIA PRODUCTION | 11-12 | ½ |
| 1465 | SPORTS BROADCASTING | 9-12 | ½ |
| 1468 | ADVANCED SPORTS BROADCASTING | 10-12 | ½ |
| 1466 | FILM AND DOCUMENTARY PRODUCTION | 9-12 | ½ |
| 1467 | TV PRACTICUM | 9-12 | ½ |

Course Descriptions

## ENGLISH 9

**COURSE CODE (1015) • CREDIT 1 (R) • GRADE 9**

English 9 is a course in which students will read short stories, essays, plays, legends, mythology, poetry, non-fiction, and a novel. In conjunction with the study of literature, students will develop skills in composition, grammar, and vocabulary. Students will also learn basic research skills

## HONORS ENGLISH 9

**COURSE CODE (1030) • CREDIT 1 • GRADE 9 • PREREQUISITE: APPLICATION OR TEACHER RECOMMENDATION**

Honors English 9 is an English course that fulfills the requirement of English 9. This course is designed for highly motivated freshmen who have a special interest in English. Students electing to enroll in this class should be prepared for daily homework. In the course students will read and write about short stories, novels, essays, plays, and poetry, as well as study the historical background and literary criticism of the major works. They will develop composition skills and grammar proficiency in conjunction with the in-depth study of the literature. Students will also learn basic research skills through a research project. Because Honors English 9 is conducted in a challenging atmosphere, students are screened by the staff. (COS– English Enrichment 9)

## SPEECH

**COURSE CODE (1090) • CREDIT ½ (R) • GRADES 9 – 10**

The purpose of this course is to acquaint students with techniques of communicating to and with groups of people. Students will be taught how to compose and deliver speeches to persuade, inform, stimulate, and entertain. Following the speech students will receive constructive criticism based on the fundamentals of good speaking. Speech students will be involved in and instructed on the effective use of group discussion, parliamentary procedure, career awareness, and job-seeking skills. ***This course is an English credit and is a prerequisite for Competitive Speech and Debate, Introduction to Theater, and all Communication and Performing Art classes.***

## INTRODUCTION TO DEBATE AND RHETORICAL ARTS

**COURSE CODE (1095) • CREDIT ½ (R/E) • GRADES 9 – 10**

Understanding, critiquing, and debating arguments is required if students are to become critical consumers and engaged members of society. This course helps students build the foundation for strong argumentation and critical thinking skills. We will cover different argumentative structures, learn to develop and support arguments with valid logical reasoning, and practice anticipating and refuting rebuttals. Students will be expected to debate their positions individually, in partnerships, and in large group contexts. This course aims to equip students with the tools to engage in complex issues from a variety of positions. This course is recommended for students interested in Competitive Speech and Debate. *This course satisfies the graduation requirement of Speech.*

Course Descriptions

## ENGLISH 10

**COURSE CODE (1065) • CREDIT 1 (R) • GRADE 10 • PREREQUISITE: ENGLISH 9**

In this course students will have the opportunity to learn the elements of composition and to read, examine, and respond to literature. English 10 students will review the paragraph, study various kinds of writing development and organization, and write multi-paragraph essays. In conjunction with reading short stories, non-fiction, drama, poetry, and novels, students will study vocabulary and respond to the literature through discussion, compositions, and other assignments. Students will study and use research skills to complete a research project.

## HONORS ENGLISH 10

**COURSE CODE (1075) • CREDIT 1 (E/R) • GRADE 10 • PREREQUISITE: ENGLISH 9 OR HON ENG 9 WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

Honors English 10 is an English course designed for highly motivated sophomores who have a special interest in literature and composition. In this honors level course, students will read short stories, novels, plays, poetry, engage in in-depth discussions, complete research projects, and apply their essay writing skills in extensive written responses and analyses.

## ENGLISH 11

**COURSE CODE (1110) • CREDIT 1 (R) • GRADE 11 • PREREQUISITE: ENGLISH 10**

In this course, students will survey outstanding representative literature by American writers. The coursework covers American literature from colonial times to contemporary times and shows the diversity of American culture. Students will read and discuss poems, short stories, essays, plays, and novels, in addition to refining writing skills as they respond to the literature.

## HONORS ENGLISH 11

**COURSE CODE (1106) • CREDIT 1 (E/R) • GRADE 11 PREREQUISITE: ENGLISH 10 OR HON ENG 10 WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

Designed for the highly motivated student, Honors English 11 is a specialized course that fulfills the requirement of English 11. The coursework covers a diversity of American literature from colonial times to the present and examines the relationship between historical events and the writings of the times. Students will read short stories, novels, plays, and poetry, engage in in-depth discussions, and apply their essay writing skills in extensive written responses and analyses.

Course Descriptions

## ENGLISH 11 - AFRICAN-AMERICAN VOICE

**COURSE CODE (1108) • CREDIT 1 (E/R) • GRADE 11 • PREREQUISITE: ENGLISH 10**

Students will survey American Literature with an emphasis on the African American perspective. The course will provide students with a greater awareness of the black experience as a major contributor to American culture through various exciting and encouraging literature. Students will be encouraged to look at literature and multimodal media from a socio-historical context. The coursework is organized by movements, periods, and themes that are culturally, socially, and historically inspired. Students will read, discuss, and analyze different forms of literature and expression including essays, short stories, poems, plays, music, film, speeches, novels, etc as well as write compositions in response to these forms of literature.

## RESEARCH CAPSTONE *(new)*

**COURSE CODE (1132) • CREDIT ½ (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11**

Research Capstone will explore an independent student-led inquiry-based project. Students will use the inquiry process to select a field, ask questions, explore research, and create a product. Students will compose a product plan, literature review, and portfolio in preparation for a symposium-style presentation at the conclusion of the course.

## MEMOIR *(new)*

**COURSE CODE (1134) • CREDIT ½ (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11**

Memoir will explore memoirs through passage study and memoir texts, as well as a whole-class study of a full memoir. Students will use the texts to guide the exploration of their own memorable experiences, culminating in the creation of their own personal memoirs.

## SHORT STORIES

**COURSE CODE (1136) • CREDIT ½ (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11**

This course offers a chance to study short stories as an expression of the human condition. Students will examine literary insights as an extension of their own experience and evaluate brief works of fiction through narrative writing as well as argumentative and expository essays.

## SPORT AND CULTURE

**COURSE CODE (1137) • CREDIT ½ (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11**

This course is designed for students to critically examine the social issues within the sports industry. The course will explore contemporary issues through a journalistic lens to investigate the major issues facing sport organizations today. Topics may include the intersection of sports with race, gender, class, media, mental health, and the economy. Finally, students will problem-solve issues impacting youth, college, and professional sports to progress towards a healthier future.

Course Descriptions

## AFRO-HERITAGE

**COURSE CODE (1138) • CREDIT ½ (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11**

Afro-Heritage: Toward the Beloved Community centers the diverse experiences, voices, and histories of Black people globally. This course focuses on the themes of establishing community, knowledge as emancipation, indigenous traditions and social practices, etymology and "our story", construction of race and identity. This course explores the creation, importance and relevance of Pan-Africanism.

## WOMEN'S STUDIES

**COURSE CODE (1139) • CREDIT ½ (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11**

This course will survey texts that focus on women's experiences in the United States and internationally. The course will provide students with a greater awareness of women's experiences through a variety of exciting and encouraging texts. Students will be encouraged to look at texts through a gender lens. Students will read, discuss, and analyze essays, short stories, poems, plays, speeches, novels, and film as well as write compositions in response to texts.

Course Descriptions

## AP ENGLISH LANGUAGE AND COMPOSITION

**COURSE CODE (1340) • CREDIT 1 (E/R) • GRADE 12 • FEE: $100 • PREREQUISITE: ENGLISH 11 OR HON ENGLISH 11 WITH A "B"OR HIGHER OR TEACHER RECOMMENDATION**

AP Language and Composition engages students in an in-depth study of rhetoric. Students will become skilled readers of prose in a variety of rhetorical contexts as well as writers who compose for a variety of purposes. Students will specifically engage in detailed exercises of analyses, argumentation, synthesis, and research. This course will prepare students for the College Review Board AP Test scheduled in May. Students taking AP courses are required to take the AP exam.

## AP LITERATURE AND COMPOSITION

**COURSE CODE (1343) • CREDIT 1 (E/R) • GRADE 12 • FEE: $100 • PREREQUISITE: ENGLISH 11 OR HON ENGLISH 11 WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

This course is designed as an Advanced Placement in-depth study of literature. It is conducted as an accelerated, academic course for the serious English student. The course will ask students to read closely some demanding works of fiction and poetry, and to write well-structured analyses and arguments about them. Students also will be required to make oral presentations, to critique each other's analyses, to research assigned and self-selected topics, and to react thoughtfully and honestly to literature. This course will prepare students for the College Review Board AP Test scheduled in May. Summer reading is required. Students taking AP courses are required to take the AP exam.

## COLLEGE CREDIT PLUS ENGLISH COMPOSITION I

**COURSE CODE (10021DC) • CREDIT 1 (R/E) • GRADE 11-12 • PREREQUISITE: PLACEMENT INTO ENGL 1100**

This course provides high school English credit AND three hours of college credit, through Columbus State Community College, upon successful completion of the course. ENGL 1100 is a beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized.

## COLLEGE CREDIT PLUS ENGLISH COMPOSITION II

**COURSE CODE (10022DC) • CREDIT 1 (R/E)• GRADE 11-12 • PREREQUISITE: ENGL 1100 WITH A "C" OR HIGHER**

This course provides high school English credit AND three hours of college credit, through Columbus State Community College, upon successful completion of the course. ENGL 2367 is an intermediated composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise the identities.

## SCIENTIFIC LITERATURE & COMPOSITION

**COURSE CODE (1318) • CREDIT 1 • GRADE 11-2 • PREREQUISITE: ENGLISH 11 OR TEACHER RECOMMENDATION. THIS CLASS MUST BE TAKEN SIMULTANEOUSLY WITH HONORS SPECIAL ASPECTS and HONORS BIONICS or BIO-SCIENCE, TEACHING PROFESSIONS**

For the college bound student, during the first semester, this class will help develop and reinforce reading, writing, and research skills through extended essay responses to literature and through writing an extensive scientific research paper in multiple formats. Students will explore short stories, novels, and movies related to science and science fiction, as well as scientific articles and abstracts.

Work will include small and large group discussions, essay writing, and journal writing in both face-to-face and on-line formats. Individual presentations with an infusion of technology will be emphasized. Highlights of semester 1 include preparing presentations for the GLHS Science Academy Symposium and for possible competition in the Ohio Junior Science and Humanities Symposium. During the second semester, this class will help develop and reinforce reading, essay writing, vocabulary, and research skills through the exploration of scientific issues. Classic science fiction novels, short stories, and movies will be used for group discussions and presentations. Scientific ethics, self-preservation, and quality of life issues as they relate to biotechnology and robotics will be explored.

*This course satisfies the 12th grade English requirement.*

Course Descriptions

## EL WORKSHOP

**COURSE CODE (1335) • CREDIT 1 • GRADES 9-12**

This course serves as a support to help multilingual students accelerate language growth and also to help ease the transition into both our culture and school environment. Placement is determined by students' OELPS/OELPA language scores, by teacher recommendation and/or student request. In EL Workshop, we will incorporate combined practice that revolves around the four language domains: Reading, Writing, Listening and Speaking.

Beginner Workshop is designed to support students who are just beginning to learn English.

Intermediate Workshop is designed for students who have some English language experience but are still at early intermediate levels of English proficiency.

## EL BEGINNER ENGLISH

**COURSE CODE (1339) • CREDIT 1 • GRADES 9-12**

This course is designed for multilingual students who are just beginning to learn English. Placement is determined by students' OELPS screener or prior OELPA language scores, teacher recommendation and/or student request. This course provides instruction in speaking, listening, reading and writing in English and counts toward the English Language Arts graduation requirements.

Course Descriptions

# THEATRE/LANGUAGE ARTS

## TECHNICAL THEATER (VPA)

**COURSE CODE (1380) • CREDIT 1 (E) • GRADES 9-12 • PREREQUISITE: APPLICATION**

Technical Theater is an opportunity for novice students to explore themselves in art and art in themselves. The course focuses on beginning stage craft techniques that are the foundation for technical theater. The beginning technicians will learn to interpret and execute a theatrical designer's plans, much like a beginning actor learns how to interpret and execute a playwright's script. Through collaborative class projects and hands-on work experience on main stage productions, students gain the confidence and technique needed to become a skilled technician. Applications may be obtained through Mr. Wagner.

## INTRODUCTION TO THEATRE (VPA)

**COURSE CODE (1350) • CREDIT ½ (E) • GRADES 9 – 12**

***The student who elects to take this class will be required to attend three after-school rehearsals during the month of December. The dates will be determined and placed on the class calendar at the beginning of each school year. (Calendars will be handed out in class the first week of school and will also be posted on gahannatheatre.com) The finals for Introduction to Theatre will be performance-based. They will include mandatory participation in Holiday Marathon (first semester final) or mandatory participation in original works performed for Lincoln Elementary students (second semester final).***

*THIS COURSE FULFILLS THE SPEECH GRADUATION REQUIREMENT*

The purpose of this course is to develop a knowledge and appreciation of theater as a performing art. This course introduces students to the theater, to contemporary plays and play production, and to the basic skills involved in the performing arts of mime, improvisation, oral interpretation, and acting. It is a combination of written and performance-based evaluation. This course may not be taken concurrently with Theatre Appreciation unless permission from the instructor is granted. There is a performance-based final at the end of the semester.

Course Descriptions

## THEATRE APPRECIATION (VPA)

**COURSE CODE (1360) • CREDIT 1 (E) • GRADES 10 –12 • PREREQUISITE: INTRODUCTION TO THEATRE**

***The student who elects to take this class will be required to attend three after-school rehearsals during the month of December. The dates will be determined and placed on the Google classroom and discussed in class at the beginning of each school year. (Calendars will be handed out in class the first week of school and will also be posted on gahannatheatre.com) The finals for Theatre Appreciation will be performance-based. They will include mandatory participation in Holiday Marathon (first semester final) and various GJPS in-class performances (second semester).***

This course is designed to develop an appreciation of the theatre through the viewpoint of both a patron and performer. As students analyze different types of plays and characters, explore the background of drama, and study the various areas of play production, their ability to appreciate and enjoy any theatrical performance will be heightened. To encourage and develop students' potential in the theatre, they will also participate in a variety of performances. This course may not be taken concurrently with Introduction to Theatre.

## INTRODUCTION TO MUSICAL THEATRE (VPA)

**COURSE CODE (1370) • CREDIT ½ (E) • GRADES 9 –12**

The purpose of this course is to develop an understanding and appreciation of musical theater as a true art form and to explore its function and role within the American Theatre setting. Students will investigate such areas as the history of musical theater, vocal and music techniques for stage performance, use of body movement and blocking on stage, and discuss the various styles and types of musicals being offered in today's theater. There is a performance-based final at the end of the semester. Assessment will be both written and performance based. Class participation and discussion are required. ***Students taking this course during the first semester will be required to attend three mandatory after school rehearsals for Holiday Marathon, a production which will serve as the final for the course. Calendars will be handed out at the start of the semester with dates. The calendars may also be found at gahannatheatre.com.***

## PERFORMANCE STUDIO (VPA)

**COURSE CODE (1375) • CREDIT 1 (E) • GRADES 11 – 12 • PREREQUISITE: SPEECH AND THEATRE APPRECIATION, INTRODUCTION TO THEATRE, INTRODUCTION TO MUSICAL THEATRE, THEATRE INTRODUCTION OR MUSICAL THEATRE, TECHNICAL THEATRE, AND PERMISSION OF THE INSTRUCTOR. (APPLICATION, INTERVIEW, AND AUDITION REQUIRED)** Please pick up an application from Mrs. Targett in room H187.

This advanced course is designed to develop further students' performance potential and appreciation of quality theater. Students will study acting techniques and the unique skills involved in writing, producing, and trooping children's theater, in addition to performing extensively in scenes from classic and contemporary plays. A dinner theater is produced in February. This class is considered a senior level class, but juniors may audition and apply with permission of the instructor. Selection is done in May of the junior year. Applications are available in the Theatre Office (H187). Many factors are considered in being selected for this class, including but not limited to: teacher recommendation, work ethic, participation onstage/backstage, G.P.A., ability to handle working with different groups, and the ability to handle pressure, leadership ability, etc. ***The student who elects to take this class will be required to attend three after-school rehearsals during the month of December. The dates will be determined and placed on the class calendar at the beginning of each school year. (Class calendars may also be found at gahannatheatre.com)***

***The final for Performance Studio will be a performance: Senior Showcase.***

Course Descriptions

## JOURNALISM (YEARBOOK) (E)

**COURSE CODE (1420) • CREDIT 1 (E) • GRADES 11 - 12 • FEE: $25.00 • PREREQUISITE: HONORS ENGLISH 10/JOURNALISM AND PERMISSION OF THE YEARBOOK ADVISOR, APPLICATION**

In this course, students will apply the skills learned in Honors English 10/Journalism and learn new skills in computer design, editing, and photography necessary to the production of the yearbook, *The Pride.* All students are required to sell advertising and fundraise to help defray the costs of the book and will help promote the book to the student body. Senior staff members are required to participate in summer activities such as selling advertising, and attend a summer workshop. Applications are available in room H-147. (Considered VPA at some colleges).

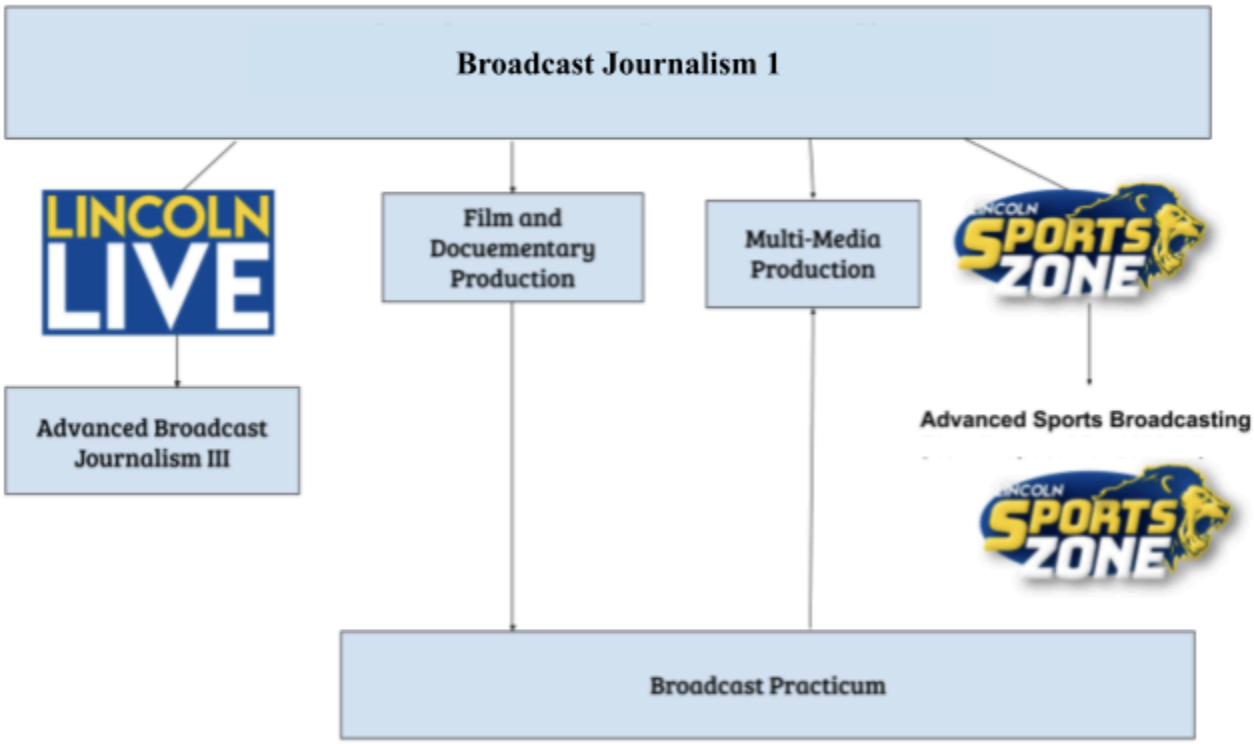
## COMPETITIVE SPEECH AND DEBATE (E)

**COURSE CODE (1390) • CREDIT ½ • GRADES 10 – 12 • FEE: $25 • PREREQUISITE: SPEECH, INTRO TO DEBATE, AND/OR PERMISSION OF THE INSTRUCTOR (APPLICATION REQUIRED)**

By enrolling in this course, students are rostered members of the Speech and Debate Competitive Team and are required to participate in practices and tournaments outside of the structured school day. The Speech and Debate season begins in October and ends with State Finals in March. The class will provide structured time for students to prepare for their competitive events. Preparation for all events include critical reading, extensive research, multiple rounds of revision, and collaboration among event members. Often, students will have opportunities to perform segments of their speeches or debates for peer workshopping and feedback. Debate events include Public Forum, Lincoln Douglas, and Congressional. Speech events currently include Informational and Original Oratory but may expand to US and International Extemporaneous Speaking. *Note that competitive speech may have a fundraising requirement and family members may be required to volunteer judge at tournaments. This course is repeatable.

Course Descriptions

# BROADCAST JOURNALISM/VIDEO PRODUCTION




## BROADCAST JOURNALISM 1

**COURSE CODE (1460) • CREDIT ½ (E) • GRADES 9 - 12 • PREREQUISITE: NONE— SPEECH STRONGLY RECOMMENDED.**

This course offers students the chance to shoot and edit videos using Final Cut Pro X, write scripts for broadcast, produce stories, and learn every behind-the-scenes job in the TV production process. Student work will be viewed by our school and posted on social media including the Lincoln Live Twitter and YouTube accounts. Students who take the Intro class will then have the opportunity to audition for a spot in the Lincoln Live class or take one of our other course options.

## BROADCAST JOURNALISM 2—LINCOLN LIVE PRODUCTION

**COURSE CODE (1462) • CREDIT 2 (E) • GRADES 10 - 12 • PREREQUISITE: BROADCAST JOURNALISM 1, APPLICATION, AND POSSIBLE AUDITION**

Students in this course will produce Lincoln High School's live newscast, Lincoln Live. Students will learn and execute every on-air and behind-the-scenes job for our production. We do not specialize! Students will anchor the live shows, direct, run the audio board, operate cameras, edit videos, and cover school events. Students in this class must show responsibility before they are selected to be the "faces of Lincoln High School." Students will be expected to cover the news of our school and that takes place both during and after school (at times). Shows will be posted on the Gahanna TV website as well as on the Lincoln Live social media pages.

Course Descriptions

## ADVANCED BROADCAST JOURNALISM 3

**COURSE CODE (1463) • CREDIT 2 (E) • GRADES 11 - 12 • PREREQUISITE: BROADCAST JOURNALISM 2**

Broadcast Journalism 3 is a capstone model broadcast journalism course for advanced students who have successfully completed Introduction to Broadcast Journalism and Broadcast Journalism 2. Students will continue to develop advanced writing and reporting skills while working on high profile, long-format stories and documentaries. Students in Broadcast Journalism 3 will also hold managerial positions for Lincoln Live.

## MULTI-MEDIA PRODUCTION

**COURSE CODE (1464) • CREDIT 1/2 (E) • GRADES 10 - 12 • PREREQUISITE: BROADCAST JOURNALISM 1**

This course will teach students how to converge media platforms for content production. Students will shoot and edit videos that will be posted on school and district social media accounts. This includes covering school news, public service announcements, coverage of district events, producing community and district-initiated programming, and podcasting.

## SPORTS BROADCASTING

**COURSE CODE (1465) • CREDIT 1/2 (E) • GRADES 10 - 12 • PREREQUISITE: BROADCAST JOURNALISM 1**

Students would learn the behind-the-scenes production of sports TV including game preparations, spotter charts, gathering background information, on-air play-by-play and color commentator performance, producing show opens and graphics, and possibly operating equipment (cameras, audio board, graphics computer, video switcher) during live sporting events.

## ADVANCED SPORTS BROADCASTING

**COURSE CODE (1468) • CREDIT 1/2 (E) • GRADES 10 - 12 • PREREQUISITE: SPORTS BROADCASTING and APPLICATION**

This course is a continuation of the Sports Broadcasting course. Students will dive deeper into the behind-the-scenes production of sports TV while assuming additional leadership responsibilities associated with producing Lincoln Sports Zone. Students in Advanced Sports Broadcasting will produce special segments, help with specialized graphics and other production elements and will help with show organization and execution.

## FILM AND DOCUMENTARY PRODUCTION

**COURSE CODE (1466) • CREDIT 1/2 (E) • GRADES 9 - 12 • PREREQUISITE: BROADCAST JOURNALISM 1**

Students in this course would produce both documentary and fictional short films. This could include character development, script writing, filming and editing (on video, not film), lighting, storyboarding, and interviewing.

## TV PRACTICUM

**COURSE CODE (1467) • CREDIT 1/2 (E) • GRADES 9 - 12 • PREREQUISITE: BROADCAST JOURNALISM 1**

With the demands of broadcast journalism, students need the opportunity to work on projects beyond the class period. A practicum will allow students the time needed to complete their individual projects and produce high level work. This course is designed to be flexible, and may be completed in a blended or in an independent study format.

Course Descriptions

## FAMILY AND CONSUMER SCIENCES

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 5621 | EXPERIENCES WITH FOODS I | 9-12 | ½ |
| 5622 | EXPERIENCES WITH FOODS II | 10-12 | ½ |
| 5760 | DESIGN I: INTERIOR AND FASHION DESIGN | 9-12 | ½ |
| 5761 | DESIGN II: ADVANCED INTERIOR AND FASHION DESIGN | 9-12 | ½ |
| 00826/00827 | TEACHING PROFESSIONS | 11-12 | 4 |
| 00828 | TEACHING PROFESSIONS - SENIOR ONLY | 12 | 2 |

### EXPERIENCES WITH FOODS I

**COURSE CODE (5621) • CREDIT ½ (E) • GRADES 9 - 12**

Experience the world of food by preparing a variety of foods. This course focuses on foods people enjoy eating that can be nutritious and exciting. Students will learn to be creative using different food preparation techniques and equipment, and participate in hands-on application labs.

### EXPERIENCES WITH FOODS II

**COURSE CODE (5622) • CREDIT ½ (E) • GRADES 10 - 12 • PREREQUISITE: EXPERIENCES WITH FOODS I**

This course will focus on world food Issues, nutritional needs, entrepreneurship in the food industry, and global foods. Students will learn about the food supply and how it may be impacted by climate change and supply issues, and will consider how this may impact them in the future. The course dives in depth into the major nutrients and how they impact our bodies. A project designed to simulate ownership of a restaurant is included. The second half of the class focuses on global food cultures and the preparation of those foods. Students interested in continued studies should consider the Culinary Arts program at Eastland-Fairfield Career and Technical Schools.

### DESIGN I: INTERIOR AND FASHION DESIGN

**COURSE CODE (5760) • CREDIT ½ (E) • GRADES 9 - 12**

This course is a project-based course that introduces students to design principles of interior and fashion design. Students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of textiles and design. Emphasis will be given to textiles project development and developing strategies to maintain the home.

### DESIGN II: ADVANCED INTERIOR AND FASHION DESIGN

**COURSE CODE (5761) • CREDIT ½ (E) • GRADES 9 - 12 • PREREQUISITE: DESIGN I**

This course is a project-based course that will further apply the design principles explored in Design I to interior and fashion projects. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textile products, including home interior accessories and garments. Students interested in continued studies in Interior Design should consider the Architecture/Construction Management program at Eastland-Fairfield Career and Technical Schools.

## TEACHING PROFESSIONS

**CREDIT 4 • GRADES 11-12 • PREREQUISITE: APPLICATION PROCESS THROUGH EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS**

Use your passion to make a difference, influence children and guide them as they learn and grow. The Teaching Professions program located in the state-of-the-art classroom at Gahanna Lincoln High School's Clark Hall gives you an opportunity to develop skills in designing learning environments and classroom management. In addition to learning in the classroom, students will participate in shadowing experiences, internships, and field trips to prepare for a career as a teacher. The coursework and work-based experience will provide students with a solid foundation for a successful teaching career.

Areas of study include:

- Designing lesson plans
- Creating positive class environments
- Classroom management
- Presenting effective lessons
- Teaching methods & strategies
- Portfolio development
- Child development

## TEACHING PROFESSIONS - SENIOR ONLY

**CREDIT 2 • GRADES 12 • PREREQUISITE: APPLICATION PROCESS THROUGH EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS**

In the Teaching Professions - Senior Only program, students will be introduced to and learn about the field of education. The course will explore the study and practice in the context of P-12 classrooms and essential education concepts which includes classroom management, culturally-responsive practice, differentiation, lesson planning, careers in education, working with students with exceptionalities, etc. Students will participate in multiple internships guided by experienced GJPS teachers in the areas of early-childhood, middle-childhood, special needs and a choice internship under the umbrella of education. Upon successful completion of the course, students will receive 2.0 high school credits and possibly 3 CCP credit hours from Otterbein University for EDUC 1000 Skills of the Teaching Profession.

Course Descriptions

## WORLD LANGUAGES

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 1500 | FRENCH I | 9-12 | 1 |
| 1525 | FRENCH II | 9-12 | 1 |
| 1550 | FRENCH III | 10-12 | 1 |
| 1575 | FRENCH IV | 11-12 | 1 |
| 1580 | FRENCH V LANGUAGE (AP) | 12 | 1 |
| 1600 | GERMAN I | 9-12 | 1 |
| 1625 | GERMAN II | 9-12 | 1 |
| 1650 | GERMAN III | 10-12 | 1 |
| 1675 | GERMAN IV | 11-12 | 1 |
| 1800 | SPANISH I | 9-12 | 1 |
| 1825 | SPANISH II | 9-12 | 1 |
| 1830 | HONORS SPANISH II | 9-12 | 1 |
| 1850 | SPANISH III | 10-12 | 1 |
| 1855 | HONORS SPANISH III | 10-12 | 1 |
| 1875 | SPANISH IV | 11-12 | 1 |
| 1876 | HONORS SPANISH IV | 11-12 | 1 |
| 1880 | SPANISH LANGUAGE V (AP) | 12 | 1 |
| 1900 | MANDARIN CHINESE I | 9-12 | 1 |
| 1925 | MANDARIN CHINESE II | 9-12 | 1 |
| 1930 | HONORS MANDARIN CHINESE II | 9-12 | 1 |
| 1950 | MANDARIN CHINESE III | 9-12 | 1 |
| 1960 | HONORS MANDARIN CHINESE III | 9-12 | 1 |
| 1975 | MANDARIN CHINESE IV | 10-12 | 1 |
| 1976 | HONORS MANDARIN CHINESE IV | 10-12 | 1 |
| 1980 | MANDARIN CHINESE V LANGUAGE (AP) | 11-12 | 1 |
| 2001 | AMERICAN SIGN LANGUAGE I | 9-12 | 1 |
| 2025 | AMERICAN SIGN LANGUAGE II | 10 -12 | 1 |
| 2035 | AMERICAN SIGN LANGUAGE III | 11-12 | 1 |
| 2037 | AMERICAN SIGN LANGUAGE IV | 11-12 | 1 |

Course Descriptions

## FRENCH I

**COURSE CODE (1500) • CREDIT 1 (E) • GRADES 9 - 12**

In French 1, the student will learn the fundamentals of language and culture. Emphasis is placed on listening, speaking, writing, and reading with the purpose of building proficiency in French. Major focuses of the class include building vocabulary, verb tenses, basic structures, and conversations. Students will attain an understanding of the culture of French-speaking countries.

*Because of the nature of the course, native French speakers should contact the school counseling office for proper placement options.

## FRENCH II

**COURSE CODE (1525) • CREDIT 1 (E) • GRADES 9 - 12 • PREREQUISITE: FRENCH I WITH A GRADE OF C OR HIGHER, OR PER-MISSION OF THE INSTRUCTOR**.

In French II, the student increases proficiency within the domains of interpersonal, interpretive, and presentational communication by using the language in more practical situations. The student studies the language within the context of French and francophone culture. Emphasis is placed on comprehension, vocabulary building, and basic linguistic application. French is used as the primary instructional language, and students are expected to use French as often as possible.

## FRENCH III

**COURSE CODE (1550) • CREDIT 1 (E) • GRADES 10 - 12 • PREREQUISITE: FRENCH II WITH A GRADE OF "C" OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

In this course students will continue building vocabulary and will begin working with more intricate nuances of French language through the study of Franco-phone cultures. Students will begin working in all tenses through authentic sources and a class taught almost completely in French.

## FRENCH IV

**COURSE CODE (1575)• CREDIT 1 (E) • GRADES 11 – 12 • PREREQUISITE: FRENCH III WITH A GRADE OF "C" OR HIGHER, OR PERMISSION OF THE IN-STRUCTOR.**

As an advanced student, one will have the opportunity to refine the use of all aspects of the French language within the domains of interpersonal, interpretive, and presentational communication. It is in French IV that the student begins to think in French and use it as one does English. The student will explore more literary and artistic trends in addition to becoming familiar with contemporary francophone issues and events. The student will be able to express their creativity in the form of individualized and group projects. The class is directed entirely in French and students are expected to con-verse exclusively in French.

Course Descriptions

## AP FRENCH LANGUAGE and CULTURE V

**COURSE CODE (1580) • CREDIT 1 (E) • GRADE 12 • FEE: $131 (TEST PLUS WORKBOOK) • PREREQUISITE: FRENCH IV WITH A GRADE OF "C OR HIGHER, OR PERMIS-SION OF THE INSTRUCTOR.**

This class is designed for students who want to advance their proficiency in the domains of interpersonal, interpretive, and presentational communication. Students are responsible for reviewing grammar concepts on their own in order to perfect the aforementioned communication skills. Emphasis is placed on the six themes presented in the AP French Language and Culture exam; students will read texts, watch videos, listen to recordings, and experience a wide variety of other authentic materials whose purpose is to inspire critical and analytical responses from the students. Students will also create written and spoken responses within the context of the A.P. themes. The class is directed entirely in French and students are expected to converse exclusively in French. Students taking AP courses are required to take the AP exam.

## GERMAN I

**COURSE CODE (1600) • CREDIT 1 (E) • GRADES 9 - 12**

In German 1, the student will learn the fundamentals of the language and culture. Emphasis is placed on listening, speaking, writing, and reading with a purpose of building proficiency in German. Major focuses of the class including building vocabulary, verb tenses, basic structures, and conversation. Students will attain an understanding of the culture of the German-speaking countries.

*Because of the nature of the course, native German speakers should contact the school counseling office for proper placement options.

## GERMAN II

**COURSE CODE (1625) • CREDIT 1 (E) • GRADES 9 - 12 • PREREQUISITE: GERMAN I WITH A GRADE OF "C" OR HIGH-ER, OR PERMISSION OF THE INSTRUCTOR**.

In German II, the student will develop an understanding of more complex spoken and written German. The student will apply this understanding in the areas of listening, speaking, writing, and reading. Culture aspects of the German-speaking countries are studied in more detail.

## GERMAN III

**COURSE CODE (1650) • CREDIT 1 (E) • GRADES 10 -12 • PREREQUISITE: GERMAN II WITH A GRADE OF "C" OR HIGH-ER, OR PERMISSION OF THE INSTRUCTOR**.

German III students will focus on more advanced forms of grammar and vocabulary. Listening, speaking, writing and reading are still the focus of instruction as the student works in all the tenses to communicate in German. Cultural aspects of the German-speaking countries are also studied.

Course Descriptions

## GERMAN IV

**COURSE CODE (1675) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: GERMAN III WITH A GRADE OF "C" OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

In German IV, students will polish his/her language skills as emphasis is placed on more spoken communication. A continuation of advanced grammar and vocabulary is included. Short readings from authentic German authors become the basis for much of the class.

## AMERICAN SIGN LANGUAGE I

**COURSE CODE (2001) • CREDIT 1 (E) • GRADES 9 - 12**

This class will introduce students to beginning American Sign Language (ASL) and Deaf culture history. Students will focus on learning the unique vocabulary, grammar, and parameters of ASL through expressive (signing) and receptive (comprehension) skills. ASL is participation based and requires students to be comfortable using their face and body for conversation.

## AMERICAN SIGN LANGUAGE II

**COURSE CODE (2025) • CREDIT 1 (E) • GRADES 10 - 12 • PREREQUISITE: ASL I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE IN-STRUCTOR.**

This class will continue to build upon the American Sign Language (ASL) skills taught in level one. Students will dive deeper into their exploration of Deaf culture and ASL. Interpersonal, interpretive, and presentational modes of communication are practiced as students expand their vocabulary, grammatical, and cultural knowledge.

## AMERICAN SIGN LANGUAGE III

**COURSE CODE (2035) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: ASL II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

This class will continue to build upon the American Sign Language skills taught in level one and two. Students will research and analyze key features of Deaf culture and history. They will also practice and improve their intermediate skills of ASL. Students will navigate the language through interpersonal, interpretive, and presentational modes of communication as students expand their vocabulary, grammatical, and cultural knowledge.

## AMERICAN SIGN LANGUAGE IV

**COURSE CODE (2037) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: ASL III WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

This class will continue to build upon the American Sign Language skills taught in levels 1-3 with more of an emphasis on authentic conversation in real-world contexts. Students will engage with current issues in Deaf culture, developing the ability to think critically about multiple perspectives in nuanced ways. Students will gain greater fluency in interpersonal, interpretive, and presentational modes of communication with more vocabulary, more sophisticated use of grammar, and more communication in real-life contexts.

Course Descriptions

## SPANISH I

**COURSE CODE (1800) • CREDIT 1 (E) • GRADES 9 - 12**

In Spanish 1, the student will learn the fundamentals of the language and culture. Emphasis is placed on listening, speaking, writing, and reading with a purpose of building proficiency in Spanish. Major focuses of the class include building vocabulary, verb tenses, basic structures, and conversation. Students will attain an understanding of the culture of the Spanish-speaking countries.

*Because of the nature of the course, native Spanish speakers should contact the school counseling office for proper placement options.

## SPANISH II

**COURSE CODE (1825) • CREDIT 1 (E) • GRADES 9 - 12 • PREREQUISITE: SPANISH I WITH A GRADE OF "C" OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

In Spanish II, students develop a better comprehension of oral and written Spanish by continuing and expanding the approach used in Spanish I. Grammar, vocabulary, reading short selections, and classroom conversation are the main elements of this course. The cultures of the Spanish-speaking world are studied, emphasizing the similarities and differences among them and the United States.

## HONORS SPANISH II

**COURSE CODE (1830) • CREDIT 1 (E) • GRADES 9 - 12 • PREREQUISITE: COMPLETION OF SPANISH I WITH A GRADE OF "B" OR HIGHER AND RECOMMENDATION FROM THE LEVEL 1 INSTRUCTOR.**

This course is designed for highly motivated students who have a special interest in Spanish. Students will develop a better comprehension of oral and written Spanish by continuing and expanding the approach used in Spanish I. Grammar, vocabulary, reading short selections, and classroom conversation are the main elements of this course. The cultures of the Spanish-speaking world will be studied, emphasizing the similarities and differences among them and the United States.

## SPANISH III

**COURSE CODE (1850) • CREDIT 1 (E) • GRADES 10 - 12• PREREQUISITE: SPANISH II WITH A GRADE OF C OR HIGHER OR PERMISSION OF THE INSTRUCTOR.**

In Spanish III, students learn more advanced grammar forms, expand vocabulary, and explore Hispanic culture. Emphasis is given to improving writing and speaking skills. Much oral participation is expected of the student including conversations in the target language, student led discussions and reports given in Spanish.

Course Descriptions

## HONORS SPANISH III

**COURSE CODE (1855) • CREDIT 1 (E) • GRADES 10 - 12 • PREREQUISITE: COMPLETION OF SPANISH II OR HONORS SPANISH II WITH A GRADE OF "B' OR HIGHER AND RECOMMENDATION FROM THE LEVEL 2 INSTRUCTOR.**

This course is recommended for those highly motivated Spanish students that want to exceed in all areas of Spanish language acquisition: speaking, writing, reading and listening. Students will learn more advanced grammar forms, extensive vocabulary and explore the Spanish-speaking world at an accelerated rate. The emphasis of this course is to improve speaking and writing in Spanish. Consistent oral participation in Spanish is expected of the student, including student led conversations, restaurant scenes, and student created videos.

## SPANISH IV

**COURSE CODE (1875) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: SPANISH III WITH A GRADE OF "C" OR HIGHER OR PERMISSION OF THE INSTRUCTOR.**

Spanish IV is designed for the student who desires to polish his/her skills as an effective communicator in the target language. Instruction is primarily in Spanish, and students are expected to speak Spanish in the classroom. An emphasis is placed on the acquisition of higher level language skills through the study of literature, Spanish-speaking cultures, arts, music, and video in the target language. Use of authentic materials as a learning source is a primary focus. Students in Spanish IV will make presentations in Spanish, will write essays in the language, and will continue to study vocabulary and grammar concepts. In addition, this course provides a sound bridge for students who plan to enroll in AP Spanish.

## HONORS SPANISH IV

**COURSE CODE (1876) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: COMPLETION OF SPANISH III OR HONORS SPANISH III WITH A GRADE OF "B' OR HIGHER AND RECOMMENDATION FROM THE LEVEL 3 INSTRUCTOR.**

Spanish IV Honors is designed for the student who desires to polish his/her skills as an effective communicator in the target language at a more in-depth level than that of regular Spanish IV. The class will cover the same concepts as Spanish IV, but will be more accelerated. Instruction is in Spanish, and students are expected to speak only Spanish in the classroom. Like regular Spanish IV, emphasis is placed on the acquisition of higher level language skills through the study of literature, Spanish-speaking cultures, arts, music, and video in the target language. However, Spanish IV Honors offers the student additional enrichment opportunities. Use of authentic materials as a learning source is a primary focus. Students in Spanish IV Honors will make presentations in Spanish and will be involved in frequent high level discussions in the target language. Students will write interpersonal and presentational essays in the target language, and will continue to study vocabulary and grammar concepts. In addition, this course provides a sound bridge for students who plan to enroll in AP Spanish.

Course Descriptions

## AP SPANISH LANGUAGE and CULTURE V

**COURSE CODE (1880) • CREDIT 1 (E) • GRADE 12 • FEE: $100 • PREREQUISITE: SPANISH IV WITH A GRADE OF "C" OR HIGHER OR PERMISSION OF THE LEVEL 4 INSTRUCTOR.**

This course is designed for the student who wants to advance his/her proficiency in all four language skills: writing, reading, speaking, and listening. There is work in grammar, advanced composition, conversations, and reading with discussion. Readings include items that are literary and cultural. Materials include newspapers, magazines, novels, short stories and plays. Cultural topics will include current events and history. Students taking AP courses are required to take the AP exam.

## MANDARIN CHINESE I

**COURSE CODE (1900) • CREDIT 1 (E) • GRADES 9 - 12 • FEE: $38**

This introductory course is designed to give the student a basic understanding of spoken and written Mandarin Chinese. Although there are many dialects, Mandarin is the official language of the People's Republic of China and Taiwan. Emphasis will be on both the written Chinese character-based system and the spoken Mandarin which uses a tonal system to accompany the syllables. As citizens of an increasingly interconnected world, this is a unique opportunity to learn about this language, the culture and the economic influence that China has globally.

## MANDARIN CHINESE II

**COURSE CODE (1925) • CREDIT 1 (E) • GRADES 9 – 12 • PREREQUISITE: CHINESE I WITH A GRADE OF "C" OR HIGHER, OR PERMISSION FROM THE INSTRUCTOR.**

In Chinese II, students will continue building on the foundation of the language students acquired in Chinese I. All elements of the language will be of focus (listening, speaking, reading, and writing). Students will continue to perform Mandarin Chinese in a culturally appropriate manner through class presentations and performances, short written essays, and communication, both written and oral with native speakers. Another key element is the continuation of the students studying China's past, present and future to better understand China globally, politically, and economically.

## HONORS MANDARIN CHINESE II

**COURSE CODE (1930) • CREDIT 1 (E) • GRADE 9-12 • PREREQUISITE: CHINESE I WITH A GRADE OF "B" OR HIGHER, OR PERMISSION FROM THE INSTRUCTOR.**

Chinese II Honors is for students who have been a part of the GJPS Mandarin Chinese Program since elementary and have an 80% or higher on the Chinese I final exam. 8th and 9th grade Heritage learners and/or students with previous outside experience (i.e. immersion camps, lived abroad in target language environment, attend Heritage school) may also enroll in the course upon request with test score requirements and teacher consent.

Course Descriptions

## MANDARIN CHINESE III

**COURSE CODE (1950) • CREDIT 1 (E) • GRADES 9-12**

In Chinese III students begin working with more authentic media materials in the target language. Students will need to dedicate themselves to expand their language ability in reading, writing, speaking, and listening. The major part of class will be taught in the target language. Students are expected to participate in discussions and presentations in the target language. There will also continue to be an emphasis to perform in a culturally appropriate manner and further understand China's past, present, and future.

## HONORS MANDARIN CHINESE III

**COURSE CODE (1960) • CREDIT 1 (E) • GRADE 9-12 • PREREQUISITE: HONORS CHINESE II OR CHINESE II WITH A GRADE OF "B" OR HIGHER AND PER-MISSION FROM THE INSTRUCTOR.**

This course is for students who have already completed Mandarin Chinese II and are highly motivated to learn Mandarin Chinese at an accelerated level. Students will focus on the interpersonal, interpretive and presentation skills needed to become a capable speaker of the Chinese language. Students will be introduced to a variety of authentic media materials and will gain significant skills to communicate effectively in the Chinese culture and prepare for Chinese ,flanguage oral and written proficiency exams. Majority of instruction will be taught in the target language, with daily oral participation expected of the students, including student led conversations. Students will be required to have daily computer internet access to begin researching Chinese cultures, arts, music, movies, literature, history and geography.

## MANDARIN CHINESE IV

**COURSE CODE (1975) • CREDIT 1 (E) • GRADES 10 -12**

In Chinese IV, students continue working with more authentic media materials in the target language. Students will need to dedicate themselves to expand their language ability in reading, writing, speaking, and listening. The majority of class will be taught in the target language. Students are expected to participate in discussions and presentations in the target language. There will also continue to be an emphasis to perform in a culturally appropriate manner further understanding China's past, present, and future. An emphasis will also be placed on communication between peers who speak Chinese (i.e. sister school(s) and Chinese American communities).

## HONORS MANDARIN CHINESE IV

**COURSE CODE (1976) • CREDIT 1 (E) • GRADE 10-12 • PREREQUISITE: HONORS CHINESE III OR CHINESE III WITH A GRADE OF "B" OR HIGHER AND PERMISSION FROM THE INSTRUCTOR.**

This course is for students who have already completed Mandarin Chinese III and are highly motivated to learn Mandarin Chinese at an accelerated level. Students will focus on the interpersonal, interpretive and presentation skills needed to become a more proficient speaker of the Chinese language. Students will be introduced to a variety of authentic media materials and will gain significant skills to communicate more effectively in the Chinese culture and prepare for Chinese language oral and written proficiency exams. Majority of instruction will be taught in the target language, with daily oral participation expected of the students, including student-led conversations, presentations and debates. Students will be required to have daily computer internet access to research areas of Chinese cultures, arts, music, movies, literature, history and geography to build a sound foundation of writing essays and expanding language use for students who wish to enroll in AP Chinese.

Course Descriptions

## AP MANDARIN CHINESE LANGUAGE and CULTURE V

**COURSE CODE (1980) • CREDIT 1 (E) • GRADE 11-12 • FEE: $140 (AP TEST PLUS WORKBOOK) • PREREQUISITE: CHINESE IV WITH A GRADE OF "C" OR HIGHER, OR PERMISSION FROM THE INSTRUCTOR.**

Mandarin Chinese V is an Advanced Placement course that intensively focuses on the interpersonal, interpretive and presentation skills needed to be a culturally competent speaker in the Chinese language. Students will use these communication skills in preparation for familiarity and success on the Mandarin Chinese AP Exam. Students taking AP courses are required to take the AP exam.

Course Descriptions

## MATHEMATICS

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 3720 | ALGEBRA I | 9 | 1 |
| 3723 | HONORS ALGEBRA I | 9 | 1 |
| 3750 | GEOMETRY | 9-10 | 1 |
| 3751 | HONORS GEOMETRY | 9-10 | 1 |
| 3780 | ALGEBRA II | 9-12 | 1 |
| 3781 | HONORS ALGEBRA II | 9-12 | 1 |
| 3791 | PROB., STATS, & MATHEMATICAL APPLICATIONS | 10-12 | 1 |
| 3786 | ADVANCED QUANTITATIVE REASONING | 11-12 | 1 |
| 3787 | DATA SCIENCE | 11-12 | 1 |
| 3800 | PRE-CALCULUS | 10-12 | 1 |
| 3850 | HONORS PRE-CALCULUS | 10-12 | 1 |
| 3870 | COLLEGE PREP MATH | 11-12 | 1 |
| 3796 | DIFFERENTIAL CALCULUS | 12 | 1 |
| 3855 | AP CALCULUS AB | 11-12 | 1 |
| 3860 | AP CALCULUS BC | 11-12 | 1 |
| 3865 | AP STATISTICS | 10-12 | 1 |
| 3718 | MATH INTERVENTION 1 | 9-12 | ½ |
| 3719 | MATH INTERVENTION 2 | 9-12 | ½ |

***GRADUATION REQUIREMENT:***
***4 CREDITS OF MATH INCLUDING ALGEBRA II OR EQUIVALENT***

### GRAPHING CALCULATOR RECOMMENDATION

The Mathematics Department recommends that each student enrolled in a math class have access to a graphing calculator for use on a daily basis. GLHS uses and recommends the Texas Instrument Model 84-plus graphing calculator (approximately $100.)

### PASS ROOM:

Math teachers are assigned each period to tutor in the Pass Room. They are available to help students in all areas of mathematics. Students are encouraged to take advantage of this opportunity to receive extra professional help with their math courses.

Course Descriptions

## ALGEBRA I

**COURSE CODE (3720) • CREDIT 1 (R) • GRADE 9**

Algebra I is a course designed to examine the properties of numbers and functions. After a brief review of order of operations and integers, students will develop a stronger understanding of equations and functions. Both linear and non-linear will be explored, including notation, domain and range, multiple representations, and modeling. Applications of these functions will be investigated to provide students an opportunity to describe their world using mathematics. Quadratics will be the primary non-linear focus during the year, including setting up and solving quadratic equations. Students will also investigate the characteristics of the graphs of functions studied during the year. Statistical analysis given real-world data will complete the course curriculum. Calculators will be used to aid student understanding. It is recommended that students use a TI-84 Plus or TI-83 Plus calculator.

## HONORS ALGEBRA I

**COURSE CODE (3723) • CREDIT 1 (R) • GRADE 9 • PREREQUISITE: MATH 8 WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

The Honors Algebra 1 course covers the same topics of the general Algebra 1 course and will include additional standards which will extend and enrich the concepts in Algebra. Students will benefit from the richness of the course by completing in-depth explorations of extension activities, increasing their awareness of mathematical applications, further developing their critical thinking and communication skills.

## GEOMETRY

**COURSE CODE (3750) • CREDIT 1 (R) • GRADE 9 – 10 • PREREQUISITE: ALGEBRA I**

This course formalizes what students have learned about Geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency including the exposure to informal justifications using transformations as well as formal proofs and geometric constructions. Students will explore concepts of similarity and develop the foundation for right triangle trigonometry. Extending their understanding of triangles, students will explore characteristics of other polygons and the geometry of circles. Students will justify and derive the various formulas for circumference, area, and volume, and they will examine cross-sections of solids and rotations of two-dimensional objects. Throughout the course, connections between geometry and algebra will be emphasized including side relationships of special right triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane. It is required that students use a TI-84 Plus or TI-83 Plus calculator.

Course Descriptions

## HONORS GEOMETRY

**COURSE CODE (3751) • CREDIT 1 (E/R) • GRADES 9 – 10 • PREREQUISITE: ALGEBRA I WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

The Honors Geometry course covers the same topics of the general Geometry course and will include additional standards which will extend and enrich the concepts in Geometry. Students will benefit from the richness of the course by completing in depth explorations of the extension activities, increasing their awareness of mathematical applications, further developing their critical thinking and communication skills. The pacing is quicker and assessments model problems of more challenge as practiced in the daily extension. It is required that students use a TI-84 Plus or TI-83 Plus calculator.

## ALGEBRA II

**COURSE CODE (3780) • CREDIT 1 (R) • GRADES 9 – 12 • PREREQUISITE: GEOMETRY OR APPLIED GEOMETRY**

This course focuses on the four critical areas of the Common Core model path-way for Algebra II: functions, polynomials, periodic phenomenon, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning new functions such as polynomial, rational and periodic functions. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions, and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real world problems. As students refine and expand their algebraic skills, they will draw analogies between the operations and field properties of real numbers, complex numbers, and algebraic expressions. Graphing calculators are used to support and confirm many algebraic concepts. It is required that students use a TI-84 PLUS or TI-83 Plus calculator.

## HONORS ALGEBRA II

**COURSE CODE (3781) • CREDIT 1 (E/R) • GRADES 9 – 12 • PREREQUISITE: ALGEBRA I AND GEOMETRY WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

The Honors Algebra II course covers the topics of regular Algebra II including the selection of several enrichment topics. The course is more rigorous than regular Algebra II. It moves at a faster pace and problems are more challenging. It is required that students use a TI-84 Plus or TI -83 Plus calculator.

## PROBABILITY, STATISTICS AND MATHEMATICAL APPLICATIONS

**COURSE CODE (3791) • CREDIT 1 (E) GRADES 10 - 12 • PREREQUISITE: ALGEBRA II OR TEACHER RECOMMENDATION**

This is a full year course that studies probability, statistics and topics in discrete mathematics. The probability portion focuses on problem solving and analysis of events, using counting theories and computations, including conditional and binomial probabilities. The statistics portion will involve data collection, organization, analysis and predictions using real world situations. There will be a focus on standard normal distributions, hypothesis testing, and correlation and causation. The discrete portion focuses on developing creative problem solving and algorithmic thinking skills through the analysis of applicable problems. Other mathematical topics may include sequences, series, recursion, graph theory, and matrices. Due to the technology focus of the course, it is required that students have available a TI-84 Plus or TI-83 Plus calculator.

Course Descriptions

## ADVANCED QUANTITATIVE REASONING

**COURSE CODE (3786) • CREDIT 1 (E/R) • GRADES 11 – 12 • PREREQUISITE: ALGEBRA I and GEOMETRY**

Advanced Quantitative Reasoning is a full-year course designed to promote reasoning, problem-solving, and modeling through thematic units focused on the mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Quantitative reasoning is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of real-world quantitative information in the context of a discipline or an interdisciplinary problem to draw conclusions that are relevant to students in their daily lives.

## DATA SCIENCE

**COURSE CODE (3787) • CREDIT 1 (E/R) • GRADES 11 – 12 • PREREQUISITE: ALGEBRA I and GEOMETRY**

Data Science is a full year course that focuses on collecting and analyzing data in various ways. Students will be asked to reason and think critically about data in all forms. Data science is the intersection of the fields of quantitative reasoning, statistics, and computer science with a heavy focus on the creative problem-solving aspect. Data scientists find patterns in sets of information that provide insights about the past, the present, and the future. This course will focus on describing big data; usability and usefulness of data; structured vs. unstructured data; data extraction techniques; data storage; privacy issues; and data mining.

## PRE-CALCULUS

**COURSE CODE (3811) • CREDIT 1 (E) • GRADES 10 – 12 • PREREQUISITE: ALGEBRA II WITH A GRADE OF "C" OR HIGHER OR TEACHER RECOMMENDATION**

Pre-Calculus is a full year course that focuses on preparing students for Calculus. Topics that are studied include the following: 1. Graphing and analyzing a variety of families of functions including quadratic, absolute value, square root, exponential, logarithmic, trigonometric functions; 2. An in-depth study of trigonometry, including right triangle trigonometry, the unit circle, equations, Law of Sines and Law of Cosines, and trigonometric identities; 3. Matrices; and 4. An introduction to Limits. Graphing calculators will be used to aid student understanding and problem solving. It is required that students use a TI-84 Plus or TI-83 Plus calculator.

## HONORS PRE-CALCULUS

**COURSE CODE (3850) • CREDIT 1 (E/R) • GRADES 10-12 PREREQUISITE: ALGEBRA II WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

The Honors Pre-Calculus course covers the topics of regular Pre-Calculus including the selection of several enrichment topics. The course is more rigorous than regular Pre-Calculus. It moves at a faster pace and problems are more challenging. It is required that students use a TI-84 Plus or TI-83 Plus calculator.

Course Descriptions

## COLLEGE PREP MATH

**COURSE CODE (3870) • CREDIT 1 (E/R) • GRADES 11-12 PREREQUISITE: TEACHER RECOMMENDATION, TESTING REQUIREMENT**

This course is intended for high school seniors who have not been successful in traditional high school math classes and are not prepared for college-level math. The course uses a series of online, self-guided modules, which allow students to move at their own pace and repeat lessons and exercises until the material is learned. When students are ready, a test is administered to assess their learning. If they achieve 85% or greater, they move to the next module. Students are pre-tested and placed into the course at the level that is right for them. While College Prep Math does NOT offer college credit, it does save students a significant amount of tuition, which they would otherwise pay for developmental math courses in college.

## DIFFERENTIAL CALCULUS

**COURSE CODE (3796) • CREDIT 1 (E) • GRADES 12 • PREREQUISITE: PRECALCULUS WITH A GRADE OF "C" OR HIGHER OR TEACHER RECOMMENDATION**

This year-long course is intended for students who are planning on attending college but are not ready for the pace of AP Calculus. This course strengthens the foundations of high school mathematics while studying concepts in a first semester Calculus course. Calculus topics covered are: limits and their properties, differentiation along with applications of differentiation, exponential functions, etc. The course will explore topics through analytical, graphical, numerical and verbal reasoning. Calculators will be used to aid student understanding; there-fore, it is required that students have available a TI-84 Plus or TI-83 Plus calculator.

## AP CALCULUS AB

**COURSE CODE (3855) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: $100 PREREQUISITE: PRE-CALCULUS WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

AP Calculus AB is a rigorous treatment of college calculus. Students taking this course must take the AP Calculus Examination AB. Topics include functions, limits, differentiation, integration, transcendental functions, inverse functions, and various applications. (College credit and placement vary from school to school.) It is recommended students use a TI-84 Plus or a TI-83 Plus calculator. Students taking AP courses are required to take the AP exam.

## AP CALCULUS BC

**COURSE CODE (3860) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: $100 • PREREQUISITE: AP CALCULUS AB WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

AP Calculus BC is a rigorous treatment of the second course of college calculus. Students taking this course must take the AP Calculus Examination BC. Topics include functions, limits, differentiation, integration, transcendental functions, inverse functions, infinite series, parametrically defined functions, vectors, polar coordinates and various applications. (College credit and placement vary from school to school.) It is recommended students use a TI-84 Plus or a TI-83 Plus calculator. Students taking AP courses are required to take the AP exam.

Course Descriptions

## AP STATISTICS

**COURSE CODE (3865) • CREDIT 1 (E) • GRADES 10 – 12 • FEE: $100 • PREREQUISITE: ALGEBRA 2 WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Stu-dents are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns.
2. Sampling and Experimentation: Planning and conducting a study.
3. Anticipating Patterns: Exploring random phenomena using probability and simulation.
4. Statistical Inference: Estimating population parameters and testing hypotheses.

Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. (College credit and placement vary from school to school.) Students need little or no background in statistics. Students taking this course must take the AP Statistics Examination. Due to the technology focus of the course, it is required that students have available a TI-84 or TI-83 Plus calculator. Students taking AP courses are required to take the AP exam.

## MATH INTERVENTION 1

**COURSE CODE (3718) • CREDIT 1/4 (E) • GRADES 10 – 12 • PREREQUISITE: TEACHER RECOMMENDATION ONLY**

Math Intervention 1 is designed for students that could benefit from additional math support based on classroom and assessment data. This course is scheduled with Algebra 1 and can only be added to a student's schedule by an administrator or counselor.

## MATH INTERVENTION 2

**COURSE CODE (3719) • CREDIT 1/4 (E) • GRADES 10 – 12 • PREREQUISITE: TEACHER RECOMMENDATION ONLY**

Math Intervention 1 is designed for students that could benefit from additional math support based on classroom and assessment data. This course is scheduled with Geometry and can only be added to a student's schedule by an administrator or counselor.

Course Descriptions

## MUSIC

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 6542 | JAZZ MUSIC: HISTORY, THEORY, PRACTICE | 10-12 | 1 |
| 6560 | HONORS HARMONY AND THEORY | 11-12 | 1 |
| 6535 | MUSIC TECHNOLOGY I | 9-12 | ½ |
| 6536 | MUSIC TECHNOLOGY II | 9-12 | ½ |
| | ***Vocal Music*** | | |
| 6590 | FRESHMAN CHOIR (BOYS) | 9 | 1 |
| 6591 | FRESHMAN CHOIR (GIRLS) | 9 | 1 |
| 6640 | WOMEN'S ENSEMBLE | 10-12 | 1 |
| 6650 | A CAPPELLA CHOIR | 10-12 | 1 |
| 6680 | CHORALE | 10-12 | 1 |
| | ***Instrumental Music*** | | |
| 6710 | FRESHMAN BAND | 9 | 1 |
| 6711 | JAZZ BAND | 9-12 | ½ |
| 6740 | MARCHING/CONCERT BAND | 10-12 | 1½ |
| 6771 | FRESHMAN ORCHESTRA | 9 | 1 |
| 6770 | SYMPHONY ORCHESTRA | 10-12 | 1 |
| 6772 | CHAMBER ORCHESTRA | 10-12 | 1 |
| 6880 | COLOR GUARD | 9-12 | ¼ |

### JAZZ MUSIC: HISTORY, THEORY, PRACTICE

**COURSE CODE (6542) • CREDIT 1 (E) • GRADE 10 – 12 • PREREQUISITE: ONE YEAR IN A LINCOLN HIGH SCHOOL JAZZ BAND.**

This course is intended to explore the history and development of jazz music from its beginnings, through the swing era, Bebop to the present day. In addition to listening to analyzing various styles and musicians, the student will practice the art of improvisation. A study of scales, exercises, chord progressions and structure will enable students to develop their improvisational skills. Assessment will be both written and performance-based.

Course Descriptions

## HONORS HARMONY AND THEORY (VPA)

**COURSE CODE (6560) • CREDIT 1 (E) • GRADES 11–12 PREREQUISITE: APPLICATION REQUIRED AND ADVANCED PIANO EXPERIENCE OR ACTIVE ENROLLMENT IN BAND, CHOIR OR ORCHESTRA.**

Harmony and theory is for the student who has an established experience in either vocal or instrumental music. The course is designed to be an approach to music from the viewpoint of the composer. The student will study and learn the basics through more advanced techniques of music theory and composition. Sight singing and ear training will also be integral.

## MUSIC TECHNOLOGY I (VPA)

**COURSE CODE (6535) • CREDIT ½ (E) • GRADES 9 - 12**

Music Technology is an introductory course that exposes students to basic music concepts through the use of multimedia applications. Students will learn the basic operation of a digital workstation, edit and create their own digital files which include music compositions, podcasts and soundscapes.

## MUSIC TECHNOLOGY II (VPA)

**COURSE CODE (6536) • CREDIT ½ (E) • GRADES 9 - 12 • PREREQUISITE: SUCCESSFUL COMPLETION OF MUSIC TECHNOLOGY I – STRONGLY RECOMMEND A FINAL GRADE OF "C" IN MUSIC TECHNOLOGY I.**

Music Technology II is an extended course that further explores real-world applications of music technology. Students will edit and create their own digital files which include: Foley, film scoring, basic sound system operation, music notation software and advanced topics in music composition.

Course Descriptions

# VOCAL MUSIC

## FRESHMAN CHOIR (VPA)

**COURSE CODE: BOYS (6590) GIRLS (6591) • CREDIT 1 (E) • FEE: $25 • GRADE 9**

This course is open to Freshman who have successfully completed 8th grade choir and/or by recommendation of the middle school vocal music teacher. Exceptions to be made by informal audition with Mr. Lahman within the first two weeks of school. This is a building and training group preparing for acceptance into the other three chorale groups. Freshman choir participates in 4 to 6 concerts a year. Attendance at three concerts is required. A wide variety of music will be performed from popular to classical and the fundamentals of music and singing will be studied in great detail. Students must be able to match pitch within the first 3 weeks to stay in choir.

## WOMEN'S ENSEMBLE (VPA)

**COURSE CODE (6640) • CREDIT 1 (E) • FEE: $25 • GRADES 10 - 12 • PREREQUISITE: AUDITION REQUIRED**

The Soprano-Alto choir is for the serious student interested in choral singing. Much detail will be given to the fundamentals of voice productions and a general knowledge of music. Musical works of a more serious nature will be performed at four or five concerts per year. Attendance at contests, concerts and extra rehearsals is required.

## CHORALE (VPA)

**COURSE CODE (6680) • CREDIT 1 (E) • GRADES 10 - 12 • FEE: $25 • PREREQUISITE: AUDITION REQUIRED**

The chorale performs a varied style of music using choreography and movement. The Chorale will also perform with the A Cappella Choir in their performances. You must have at least one year of vocal experience and be available for a 5-day summer workshop. The organization performs 20 to 40 times a year for area civic groups and concerts.

## A CAPPELLA CHOIR (VPA)

**COURSE CODE (6650) • CREDIT 1 (E) • GRADES 10 – 12 • FEE: $25 • PREREQUISITE: AUDITION REQUIRED**

The A Cappella Choir is for the serious student interested in choral singing. Much detail will be given to the fundamentals of voice production and general knowledge of music. Musical works of a more serious nature will be performed at the 4 or 5 concerts a year. Attendance at contests, concerts and extra rehearsals is required. You should have at least one year of previous choral experience.

Course Descriptions

# INSTRUMENTAL MUSIC

## FRESHMAN BAND (VPA)

**COURSE CODE (6710) • CREDIT 1 (E) • GRADE 9 • FEE: $25 • PREREQUISITE: SUCCESSFUL COMPLETION OF 8TH GRADE BAND WITH A MINIMUM FINAL AVERAGE OF 70 PERCENT AND RECOMMENDATION OF THE MIDDLE SCHOOL BAND DIRECTOR**

This is an instrumental music organization with the purpose of preparing the ninth-grade student for membership and participation in the Marching/Concert Band. In this class, you will gain the musical skills and knowledge necessary for full participation in the band program during your sophomore, junior, and senior years. In addition to the aesthetic values gained, participants will learn and add to their basic and advanced skills and musical abilities. Requirements of this course include formal concerts, public performance, and additional participation in local, district, and state music contests and festivals.

## JAZZ BAND (VPA)

**COURSE CODE (6711) • CREDIT ½ (E) • GRADES 9 - 12 • PREREQUISITE: PERFORMANCE AUDITION AND MEMBERSHIP IN A LARGE INSTRUMENTAL ENSEMBLE (FRESHMAN BAND, MARCHING/ CONCERT BAND, ORCHESTRA)**

The study and performance of jazz style and improvisation forms the basic structure for the Jazz Band. Membership is limited to those who demonstrate fundamental skills on saxophone, trumpet, trombone, piano, bass, guitar and drum set. Participation is also limited to specific numbers of instruments to create proper balance within the ensembles. October through May. Auditions will be held after the start of the school year.

## MARCHING/CONCERT BAND (VPA)

**COURSE CODE (6740) • CREDIT 1½ (E) • GRADES 10 - 12 • FEE: $25 •**
**PREREQUISITE: SUCCESSFUL COMPLETION OF PREVIOUS YEAR'S BAND WITH A MINIMUM FINAL AVERAGE OF 70 PERCENT, ATTENDANCE AT MARCHING BAND CAMP, AND RECOMMENDATION OF THE HIGH SCHOOL BAND DIRECTOR**

The study of music and its various styles, through the medium of performance, forms the basic structure of the programs and curriculum in Marching/Concert Band. Band members are encouraged to discover and develop their own abilities to the fullest through participation in large group, small group, and solo performances in formal concerts and adjudicated events on a local, district, and state level. In the interest of maintaining strong musical skills, all 10-12 band students have full year participation in band. A student who participates in a GLHS fall sport will have his/her after-school and summer performance and rehearsal obligations adjusted by the instructor in consultation with the student's coach.

Course Descriptions

## FRESHMAN ORCHESTRA (VPA)

**COURSE CODE (6771) • CREDIT 1 (E) GRADES 9 • PREREQUISITE: SUCCESSFUL COMPLETION OF EIGHTH GRADE ORCHESTRA WITH A MINIMUM FINAL AVERAGE OF 70 PERCENT AND RECOMMENDATION OF THE MIDDLE SCHOOL ORCHESTRA DIRECTOR. STUDENTS WHO HAVE NOT PARTICIPATED IN MIDDLE SCHOOL ORCHESTRA WILL BE REQUIRED TO AUDITION FOR ENROLLMENT, IN ADDITION TO THE PERMISSION OF THE DIRECTOR**

To prepare musicians for literature seen throughout high school, Freshmen Orchestra studies and performs developing orchestral literature in various styles and forms. State and national standards are woven into the curriculum, offering students the opportunity to discover and engage with vibrant, musical cultures around the world. The aesthetic experiences and skills acquired are limited only by one's desire. Students will develop their abilities through participation in formal concerts, large and small ensembles, solo performances, and adjudicated events at the local, district and state level.

## SYMPHONY ORCHESTRA (VPA)

**COURSE CODE (6770) • CREDIT 1 (E) • GRADES 10 – 12 • PREREQUISITE: SUCCESSFUL COMPLETION OF FRESHMEN STRING ORCHESTRA WITH A MINIMUM FINAL AVERAGE OF 70 PERCENT. STUDENTS WHO HAVE NOT PARTICIPATED IN FRESHMEN STRING ORCHESTRA WILL BE REQUIRED TO AUDITION FOR ENROLLMENT IN ADDITION TO THE PERMISSION OF THE DIRECTOR**

Symphony Orchestra studies and per-forms intermediate orchestral literature in various styles and forms, to advance students through the curriculum. State and national standards are woven into the curriculum, offering students the opportunity to refine and advance their musical understandings. The aesthetic experiences and skills acquired are limited only by one's desire. Students will develop their abilities through participation in formal concerts, large and small ensembles, solo performances, and adjudicated events at the local, district and state level.

## CHAMBER ORCHESTRA (VPA)

**COURSE CODE (6772) • CREDIT 1 (E) • GRADES 10 – 12 • PREREQUISITE: SUCCESSFUL COMPLETION OF FRESHMEN STRING ORCHESTRA WITH A MINIMUM FINAL AVERAGE OF 80 PERCENT AND SUCCESSFUL AUDITION.**

Chamber Orchestra studies and performs advanced orchestral literature in various styles and forms. State and national standards are woven into the curriculum, offering students the opportunity to interact with masterworks in the repertoire. The aesthetic experiences and skill acquired are limited only by one's desire. Students are expected to perform at a superior level and are encouraged to continually challenge themselves, through participation in public performances, for-mal concerts, large and small ensembles, solo performances, and adjudicated events at the local, district and state level.

## COLOR GUARD (VPA)

**COURSE CODE (6800) • CREDIT ¼ (E) • GRADES 10 - 12• FEE: $25 •PREREQUISITE: AUDITION REQUIRED, PARTICIPATION IN SUMMER ACTIVITIES, AND MARCHING BAND CAMP**

This is an auxiliary group with the Marching Band meeting during the football season. Besides class meetings and performances, members are required to attend Band Camp two weeks before the beginning of the school and 1-2 evening practices per week during the season. Practices also take place during the last week of June in preparation for the July 4 parades.

Course Descriptions

## PHYSICAL EDUCATION AND HEALTH

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| *(CHOOSE ANY TWO OF THE FOLLOWING IN ADDITION TO HEALTH)* | | | |
| 7150 | LIFETIME SPORTS AND ACTIVITIES | 9-12 | 1/4 |
| 7155 | LIFETIME FITNESS | 9-12 | 1/4 |
| 7251 | COMPETITIVE SPORTS | 9-12 | 1/4 |
| 7300 | ADAPTIVE PHYSICAL EDUCATION | 9-12 | 1/4 |
| 7350 | HEALTH | 10 | 1/2 |
| 00830/00831 | SPORTS MEDICINE | 11-12 | 4 |

***GRADUATION REQUIREMENT: TWO PHYSICAL EDUCATION COURSES & HEALTH.***
***SOME PHYSICAL EDUCATION ACTIVITIES TAKE PLACE OUTSIDE SCHOOL AND INVOLVE A MINIMUM COST TO STUDENTS. HOWEVER, A STUDENT MAY BE EXCUSED FROM THESE ACTIVITIES.***

**A STANDARD DRESS UNIFORM OF PHYSICAL EDUCATION SHIRT AND SHORTS IS REQUIRED FOR ALL STUDENTS IN PHYSICAL EDUCATION CLASSES. THESE CAN BE PURCHASED AT THE PAW PRINT.**

### PHYSICAL EDUCATION (PE) WAIVER

The Gahanna-Jefferson Public Schools Board of Education has adopted a policy to excuse the high school physical education requirement for each student who, during high school, has participated in interscholastic athletics, marching band, Chorale, cheerleading, or drill team for at least two full seasons. The Gahanna-Jefferson Public School Board shall not require the student to complete any additional physical education course as a condition to graduate. However, the student shall be required to complete one-half unit, consisting of at least 60 hours of instruction, in another course to meet the 20 credit hour component within the graduation requirements. Students, grade 9-11, will automatically be awarded the PE waiver after two full seasons of the above mentioned extracurricular activities. Students who do not wish to be awarded the PE waiver after completion of these two seasons must inform his/her high school counselor. Students may not complete one season of a sport/activity and one PE course to meet the PE graduation requirement. They must either complete two full seasons of a sport/activity to earn the PE waiver, or complete two PE credits from the courses below.

Course Descriptions

***STUDENTS MUST SELECT TWO OF THE FOUR COURSES TO COMPLETE THE GRADUATION PE REQUIREMENT***

## LIFETIME SPORTS AND ACTIVITIES

**COURSE CODE (7150) • CREDIT ¼ (R) • GRADES 9-12**

Lifetime Sports and Activities is designed to develop Physical Literacy and Wellness through a combination of lifetime sports, outdoor recreation and physical fitness activities. Students will actively engage in specific skills that will enable them to successfully participate in a variety of lifetime activities. In addition, students will be involved in a wide range of fitness promotion and recreation activities designed to improve students' fitness levels and physical literacy. This class will utilize the gymnasium, weight room, and athletic spaces. Minimal fees may be required to cover potential field trips.

## LIFETIME FITNESS

**COURSE CODE (7155) • CREDIT ¼ (R) • GRADES 9-12**

Lifetime Fitness is designed for individuals interested in the fundamental components and principles of fitness. Emphasis is placed on the components of fitness and wellness through the study of exercise and physiology, resistance training, nutrition, and consumer facts on exercise and fitness trends. Students will learn strategies for planning a personal lifelong fitness program based on individual needs, abilities and interests. This class will utilize the gymnasium, weight room, and athletic spaces. Students will be required to wear clothing appropriate for active engagement and participation. Minimal fees may be required to cover potential field trips.

## COMPETITIVE SPORTS

**COURSE CODE (7251) • CREDIT ¼ (R) • GRADES 9-12**

This high energy course is designed to provide students with the opportunity to pursue advanced techniques and skills in team sports and to improve fitness levels. You must be highly motivated and active in this class! Minimal fees are required to cover field trips and students are expected to take part in these activities.

## ADAPTIVE PHYSICAL EDUCATION

**COURSE CODE (7300) • CREDIT ¼ (R) • GRADES 9 – 12 PREREQUISITE: PHYSICIAN RECOMMENDATION REQUIRED**

This course may be used in place of the regular physical education course in cases of temporary or permanent physical handicaps that are documented by a physician. The course will focus mainly on the development of skills in "lifetime" sports. This class will meet five days a week for one semester. All classes are coeducational. Minimum fees will be required to cover field trip expenses.

Course Descriptions

## HEALTH

**COURSE CODE (7350) • CREDIT ½ (R) • GRADE 10**

Do you want to take a class that deals with **REAL** life issues? Do you want to learn skills to help you not just survive, but thrive in the real world? Do you like to have fun while learning? Do you enjoy high energy teachers who love what they teach? Do you enjoy learning in a variety of ways like activities, discussions, speakers, videos and projects? Then this Health class is for you.

Health is a fun, relevant, practical and required semester course. Students will learn and apply essential health concepts necessary to maintain health-enhancing behaviors. Topics covered include mental health and wellness, drugs, alcohol, vaping, food and nutrition, human sexuality, healthy relationships, violence prevention, reproductive health and wellness, and safety.

## SPORTS MEDICINE

**GRADES 11-12 • PREREQUISITE: APPLICATION PROCESS THROUGH EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS**

Sports Medicine is a two-year program designed to prepare students to pursue careers such as athletic training, physical therapy, and the many other professions under the expansive sports medicine umbrella. Students will learn how the human body reacts to diet and physical exertion then implement that knowledge to help people of all athletic backgrounds become or return to the best versions of themselves. Students will combine classroom knowledge, hands-on practice, and the latest rehabilitation and training technology and you'll be ready to tackle any challenge. This program is located in a state-of-the-art classroom in Clark Hall of Gahanna Lincoln High School.

Areas of study include:

- Nutrition and Wellness
- Fitness Evaluation and Assessment
- Medical Terminology
- Bio-Statistics in Exercise Science
- Sports Medicine
- Athletic Training

Course Descriptions

## SCIENCE

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 3045 | PHYSICAL SCIENCE | 9-10 | 1 |
| 3145 | BIOLOGY | 9-12 | 1 |
| 3150 | AP BIOLOGY | 11-12 | 1 |
| 3160 | THE BRAIN AND BEHAVIOR | 11-12 | 1 |
| 3103 | INTRO TO ROBOTICS SCIENCE* | 9-12 | 1 |
| 3104 | ADVANCED ROBOTICS SCIENCE* | 10-12 | 1 |
| 3105 | APPLIED ROBOTICS AND PROGRAMMING SCIENCE* | 11-12 | 1 |
| 3200 | SPACE TECHNOLOGY* | 10-12 | 1 |
| 3210 | UNDERWATER ROBOTICS* | 10-12 | 1 |
| 3175 | ENVIRONMENTAL SCIENCE | 10-12 | 1 |
| 3230 | AP ENVIRONMENTAL SCIENCE | 10-12 | 1 |
| 3360 | CHEMISTRY | 10-12 | 1 |
| 3450 | AP CHEMISTRY | 11-12 | 1 |
| 10030DC | COLLEGE CREDIT PLUS ELEMENTARY CHEMISTRY | 10-12 | 1 |
| 3300 | ANATOMY AND PHYSIOLOGY (LAB) | 10-12 | 1 |
| 3310 | DB MICROBIOLOGY (LAB)- LIFE | 11-12 | 1 |
| 3460 | PHYSICS | 11-12 | 1 |
| 3455 | AP PHYSICS 1 | 11-12 | 1 |
| 3240 | HONORS SPECIAL ASPECTS* | 11-12 | 1 |
| 3220 | HONORS BIONICS* | 11-12 | 1 |
| 00824/00825 | BIOSCIENCE TECHNOLOGIES I/II | 11-12 | 4 |

***GRADUATION REQUIREMENT:*** *3 SCIENCE CREDITS, WITH AT LEAST 1 CREDIT OF LIFE, 1 CREDIT OF PHYSICAL SCIENCE, and 1 CREDIT OF ADVANCED SCIENCE. Advanced sciences are any courses beyond Biology.*

**indicates a course in the Science Academy pathway. For more information, please see Science Academy pathway on page*

### PHYSICAL SCIENCE (LAB) • PHYSICAL

**COURSE CODE (3045) • CREDIT 1 (R) • GRADE 9-10**

Physical Science is the introductory science course for all students at Lincoln High School. This hands-on, challenging laboratory course explores physical science including the physics of waves, energy and motion, atomic theory, chemical changes and reactions, and solar system mechanics. Highlights of the course will include use of graphing calculators for modeling, CBL technology for remote sensing of data, and computer simulations and activities to enhance learning of scientific principles. The course will be taught from a thematic approach to learning, enabling students to relate science and technology to processes in the real world.

Course Descriptions

## BIOLOGY • LIFE

**COURSE CODE (3145) • CREDIT 1 (E) GRADE 9-12**

Biology surveys major concepts essential to understanding how living organisms function and interact with each other and the environment, and will satisfy the graduation requirement for a life science credit. This hands-on, challenging laboratory course focuses on inquiry, critical thinking, and problem solving skills while exploring topics that include the interdependence between organisms, cell physiology, genetics, and evolution. Small and large group discussions, learning how to use scientific tools effectively to design and perform experiments, the interpretation of graphs and the analysis of data, and dissections of laboratory specimens are part of the course. (Note: Students objecting to dissections will have the opportunity to complete a virtual dissection component or an equivalent alternative assignment).

## AP BIOLOGY (LAB) • LIFE

**COURSE CODE (3150) • CREDIT 1 (E) • GRADES 11-12 • FEE: $100 • PREREQUISITE: BIOLOGY WITH A GRADE OF "B" OR HIGHER OR TEACHER RECOMMENDATION**

AP Biology is a study of life and is a more in-depth study of concepts learned in biology. Topics include cells, DNA, biotechnology, metabolism, natural selection, and interdependence. Lab work and experiments are completed to deepen understanding and to practice logic/reasoning skills. A few examples include using microscopes, working with animals, and making bacteria glow. This course is the equivalent of a college introductory laboratory course. Course completion is a strong start to a pre-med or life science career pathway, but the class is beneficial to anyone interested in logic and learning in general. Students taking AP courses are required to take the AP exam.

## THE BRAIN AND BEHAVIOR (LAB) • LIFE

**COURSE CODE (3160) • CREDIT1 (E) • GRADES 10–12 • PREREQUISITE: BIOLOGY**

This course seeks to establish a greater understanding of the relationships among the brain, behavior, and evolution through an interdisciplinary program of study. From sensing to moving to thinking to feeling, neuroscience explains how we perceive and interact with the world around us. We will explore the basics of the study of the brain in the first semester and then move toward a focus on animal behavior in semester two. This portion of the course will include the historical underpinnings of the field as well as the contemporary theories for a wide variety of behaviors. Behavioral ecology and the evolution of animal behaviors as adaptations will be intertwined throughout the course, as well potential applications of knowledge about animal behavior. Students will learn how to integrate scientific discoveries from a broad array of scientific fields of inquiry that contribute to the study of behavioral biology, from sociobiology to molecular biology. For those interested in the health professions, the information in this class can be integrated into a pre-medical curriculum that will provide a broad understanding of biology, with a humanistic perspective, or a pre-veterinary curriculum that explores neural and physiological systems and behaviors in a broad range of species.

Course Descriptions

## INTRO TO ROBOTICS SCIENCE (LAB) • PHYSICAL

**COURSE CODE (3103) • CREDIT 1 (E) • GRADES 9-12**

Intro to Robotics Science is a STEM-based physical science course that focuses on the study of motion and earth sciences by using a hands-on, interactive approach. There will be an emphasis on time management, independent work skills, engineering principles, robotics and programming in this course. Topics covered include an introduction to the physics of motion, energy, conversions/alternatives, electronics, and magnetism. Projects to be completed during this course include: breadboard electronics, an introduction to microcontrollers and robotics programming (BOE-Bot), pop-bottle rocket caps, and mousetrap racers. The objective of this course is to introduce students to programming and varied science content. By the end of this course, students have an understanding of programming, sensor evaluation, and some knowledge of basic engineering principles. This course is part of the Science Academy pathway.

## ADVANCED ROBOTICS SCIENCE (LAB) • PHYSICAL

**COURSE CODE (3104) • CREDIT 1 (E) • GRADES 10-12 • PREREQUISITE: INTRO TO ROBOTICS SCIENCE**

Advanced Robotics Science is a STEM-based course that is a continuation of the principles learned in Intro to Robotics Science. This course incorporates applying programs to two different robotics platforms, the SUMO-Bot and the ActivityBot. Students will use microprocessors to program robots to wrestle, maneuver using sensors, interact with the environment, and simulate realistic situations. Using physical and earth sciences as a foundation, topics such as thermodynamics, projectile and satellite motion, and nuclear energy will be studied. Students will learn Propeller-C (a form of C/C++, an advanced computer programming language) to program the Sumo-BotWX and participate in a Sumo competition. Students will continue to use Propeller-C while using an ActivityBot. This course will use project-based simulations in place of traditional exams to showcase the knowledge and skills gained throughout the year. *This course is part of the Science Academy pathway and meets the requirement for an advanced science credit.*

## APPLIED ROBOTICS AND PROGRAMMING SCIENCE (LAB) • PHYSICAL

**COURSE CODE (3104) • CREDIT 1 (E) • GRADES 11-12 • PREREQUISITE: ADVANCED ROBOTICS SCIENCE**

In Applied Robotics and Programming Science (ARPS) students will learn the program language Micro-Python, develop and create a sound, light and motion project with a holiday theme (or theme of choice). Students will have the option to learn other programming languages or continue their studies with any of the three languages they learned in previous Robotics courses. They will apply this knowledge to individual and team projects that they will develop to mimic authentic applications of robotics, programming and science. Students will develop a portfolio of their work. *This course is part of the Science Academy pathway and meets the requirement for an advanced science credit.*

Course Descriptions

## SPACE TECHNOLOGY (LAB) • PHYSICAL

**COURSE CODE (3200) • CREDIT 1 (E) • GRADES 10 - 12**

Space Technology combines the fields of astronomy, engineering design, and technology. Students learn scientific and engineering principles almost entirely through hands-on lab work, computer simulations, and construction of working scientific instruments. Topics covered include detailed investigations of satellites, space communication, our solar system, the stars and greater universe, and the possibility of life on other planets. Highlights of the class include model rocketry, statistical analysis, robotic construction and programming, and at least one night of stargazing using telescopes. Major projects include creating a planetary commercial, a robotic "Kick the Can"challenge, a "Battle Bots" challenge, and our NASA simulation: Project Vesta. Any students interested in astronomy, engineering, robotics, or hands-on learning should strongly consider taking the course. *This course is part of the Science Academy pathway and meets the requirements for an advanced science credit.*

## UNDERWATER ROBOTICS (LAB) • PHYSICAL

**COURSE CODE (3210) • CREDIT 1 (E) • GRADES 10- 12**

Underwater Robotics is a unique STEM course built around engineering design principles that allows students to get a first-hand look at how products are designed, built, tested, and finally marketed using the underwater remotely operated vehicle (ROV) industry as a template. Topics include 3D sketching and modeling, electronics wiring, robotic command and control programming, gripper design and construction, and waterproofing. Highlights of the course include the "Mini-ROV" challenge and a final, full scal ROV mission. The final project will be based on an industry chosen by the students in the class. Previous missions have included tasks such as restoring defunct space probes and removing invasive aquatic plants in Gahanna parks. Any student interested in engineering, robotics, electronics, the trades, or hands-on learning should strongly consider taking this course. *This course is part of the Science Academy pathway and meets the requirements for an advanced science credit.*

## ENVIRONMENTAL SCIENCE (LAB) • LIFE

**COURSE CODE (3175) • CREDIT1 (E) • GRADES 10–12 • PREREQUISITE: BIOLOGY**

Environmental Science is a year-long course that requires students to read, write and present projects in a variety of ways. Labs and outdoor activities are designed to study many areas of the environment, such as population studies, endangered species, energy, water and air pollution, soil conservation and impacts of our food choices, chemical cycles, wildlife conservation, and stream study. Field trips to Rocky Fork Creek, projects, labs, and debates about current environmental issues are highlights of the course. This course focuses on the social aspects of conservation, human population, and how we impact the planet on which we live. *This course meets the requirements for an advanced science credit.*

Course Descriptions

## AP ENVIRONMENTAL SCIENCE (LAB) • LIFE

**COURSE CODE (3230) • CREDIT 1 (E) • GRADES 10-12 • Fee: $100 • PREREQUISITE: BIOLOGY WITH A GRADE OF "B" OR HIGHER.**

AP Environmental Science is designed to be the equivalent of an introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. This course is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students taking AP courses are required to take the AP exam. *This course meets the requirements for an advanced science credit.*

## CHEMISTRY (LAB) • PHYSICAL

**COURSE CODE (3360) • CREDIT 1 (E) • GRADES 10 – 12 • PREREQUISITE: BIOLOGY AND ENROLLMENT OR COMPLETION OF ALGEBRA 2 OR TEACHER RECOMMENDATION**

Chemistry will give students experience with scientific laws and principles using laboratory work and mathematics. The course is designed for students interested in a science or STEM career field. Topics of investigation include atomic structure, periodic classification of elements, chemical reactions, chemical bonding, and stoichiometry. *This course meets the requirements for an advanced science credit.*

## AP CHEMISTRY (LAB) • PHYSICAL

**COURSE CODE (3450) • CREDIT 1 (E) • GRADES 11-12 • Fee: $100 PREREQUISITE: CHEMISTRY WITH A GRADE OF "B" AND ALGEBRA 2 OR TEACHER RECOMMENDATION**

AP Chemistry is the equivalent of introductory college laboratory courses in chemistry. It is designed to be taken after Chemistry, however motivated students with strong algebra skills may complete a summer assignment in lieu of completing Chemistry. This course includes regular laboratory explorations and rigorous content. It is intended for students interested in career fields such as allied health, engineering, pharmacy, and other science and STEM related fields. Topics build upon Chemistry principles (atomic structure, periodic classification of elements, chemical reactions, chemical bonding, and stoichiometry) and extend to solutions, acids and bases, pH and buffers, the gas laws, chemical equilibrium, electrochemistry, entropy, equilibrium, kinetics, and thermochemistry. Students taking AP courses are required to take the AP exam. *This course meets the requirements for an advanced science credit.*

## COLLEGE CREDIT PLUS ELEMENTARY CHEMISTRY • PHYSICAL

**COURSE CODE (10030DC) • CREDIT 1 (E) • GRADE 10-12 • PREREQUISITE: BIOLOGY, PLACEMENT INTO ENGL 1100 OR HIGHER AND MATH 1020 OR HIGHER**

This course provides high school Science elective credit AND four hours of college credit, through Columbus State Community College, upon successful completion of the course (CHEM 1111). This is an introductory course in fundamental chemical concepts and laboratory techniques. Topics include atomic structure, periodic classification of elements, stoi-chiometry, solutions, acids and bases, pH and buffers, the gas laws, chemical equilibrium, and nuclear chemistry. Safety training and goggles are required for laboratory sessions. This course is a hybrid course requiring independent work outside of the classroom to be successful. *This course meets the requirements for an advanced science credit.*

## ANATOMY AND PHYSIOLOGY (LAB) • LIFE

**COURSE CODE (3300) • CREDIT 1 (E) • GRADE 10-12 •PREREQUISITE: BIOLOGY WITH A GRADE OF "B" OR TEACHER RECOMMENDATION**

Anatomy and Physiology is a life science course that provides detailed studies of the "systems" of the human body such as the nervous, skeletal, digestive, circulatory, respiratory, and muscular. The course is designed for students planning on pursuing a medical career or majoring in biology in college, and/or are curious about the human body. Students will learn vocabulary (anatomy) and develop an understanding of the corresponding processes (physiology). Students will complete multiple dissections, use microscopes, and use sensors/probeware to further the exploration of the human body. Graphing and statistical analysis of data will be included in labs/experiments. *This course meets the requirements for an advanced science credit.*

## MICROBIOLOGY (LAB) • LIFE

**COURSE CODE (3155) CREDIT 1 (E) •GRADES 11-12 • PREREQUISITE: BIOLOGY**

Microbiology is an in-depth study of the microscopic world of life, including viruses, bacteria, and protists. Students will actively investigate various microbes and practice basic laboratory procedures including staining, culturing, and metabolic analysis. Topics include antibiotic resistance, viruses, epidemics, and fungi, and is specifically designed for any student who is curious about the world around them and the study of diseases. The course will take an inquiry approach involving student research of bacteria and viruses of their choice. Other activities include sampling surfaces to find out what kind of bacteria are growing around us. *This course is in the Science Academy pathway and should be scheduled in conjunction with a Double Block Chemistry class if possible. This course meets the requirements for an advanced science credit.*

## PHYSICS (LAB) • PHYSICAL

**COURSE CODE (3460) • CREDIT 1 (E) • GRADES 11-12 • PREREQUISITE: TWO SCIENCE CREDITS OR TEACHER RECOMMENDATION, STRONGLY RECOMMEND ENROLLMENT OR COMPLETION OF ALGEBRA 2**

Physics is the study of how the physical world works. This course is designed for students who plan to major in a STEM-based program such as engineering, medicine, nursing, or architecture, or students who are passionate about science. The course focuses on inquiry-based lab work and concepts that require less mathematics than Honors Physics. The first semester focuses on mechanics: motion, Newton's Laws and forces, energy and momentum. The second semester focuses on non-mechanics: waves, sound, light, electricity, magnetism, and nuclear physics. *This course meets the requirements for an advanced science credit.*

## AP PHYSICS 1 (LAB) • PHYSICAL

**COURSE CODE (3455) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: $100 • PREREQUISITE: GRADE OF "B" OR HIGH-ER IN PREVIOUS SCIENCE COURSE & CONCURRENT ENROLLMENT IN PRE-CALCULUS OR HIGHER**

AP Physics is a full-year course that is the equivalent of a first -semester introductory college course in algebra-based physics. This college-level course follows the syllabus established by the College Board. Major topics include: kinematics, Newton's laws of motion and force, work, energy and power, momentum, circular motion and gravitation, torque and rotational motion, oscillations and fluids. Through inquiry-based learning, students will develop critical thinking and reasoning skills, as defined by the AP Science Practices. At least twenty-five percent of instructional time is devoted to hands-on laboratory work with an emphasis on inquiry based investigations and design projects. Students taking AP courses are required to take the AP exam. *This course meets the requirements for an advanced science credit.*

## HONORS SPECIAL ASPECTS PROJECT (LAB) • LIFE or PHYSICAL

**COURSE CODE (3240) • CREDIT 1 (E) •GRADES 11-12 • COREQUISITE: HONORS BIONIC AND SCIENTIFIC LITERATURE AND COMPOSITION • A STRONG SCIENCE OR ENGINEERING BACKGROUND RECOMMENDED OR TEACHER RECOMMENDATION**

This course is designed to allow students to independently investigate a topic of interest to them. Students complete an experiment of their own design or build and test an engineered prototype of their interest. Students demonstrate good techniques in problem identification, scientific research, investigative design, collection and statistical analysis of data, problem-solving, and the ability to communicate in written, oral and electronic formats to both amateur and professional audiences. Every project involves writing a scientific paper, writing an abstract, and giving a presentation to the class. Units on scientific ethics and statistical analysis are also included. Students who take this course will have the opportunity to enter their scientific research or prototype into various competitions to win valuable scholarships and cash prizes. *This course meets the requirements for an advanced science credit.*

**Any student registering for this course must also register for Honors Bionics and Scientific Literature and Composition. These three courses are taught in a year-long double block class period and are worth two Science credits and one English credit. Scientific Literature and Composition will count for one of the four required English courses for graduation.*

Course Descriptions

## HONORS BIONICS • PHYSICAL

**COURSE CODE (3220) • CREDIT 1 (E) • GRADES 11- 12 • COREQUISITE: HONORS BIONIC AND SCIENTIFIC LITERATURE AND COMPOSITION**

This honors STEM course explores the exciting new field of biotechnology and the interfacing of robotics and humans. Students will explore several biology and anatomy concepts including the use of muscles in the human body, metabolic pathways, human skeletal structures, nerves, and the propagation of neural signals. The ethics of robots and their potential impacts will also be explored. Highlights of the course will be the development of working, robotic, prosthetic devices (Project Cyborg), and working with the Advanced Robotics course to compete in a myriad of events comprising the GLHS Rob -Olympics. *This course meets the requirements for an advanced science credit.*

**Any student registering for this course must also register for Honors Special Aspects and Scientific Literature and Composition. These three courses are taught in a year-long double block class period and are worth two Science credits and one English credit. Scientific Literature and Composition will count for one of the four required English courses for graduation.*

## BIOSCIENCE TECHNOLOGIES

**GRADES 11-12 • PREREQUISITE: APPLICATION PROCESS THROUGH EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS**

If math and science are your favorite subjects, Bioscience Technologies is the program for you. With its unique focus on the uses for science, Bioscience explores a variety of fields including agriculture, medicine, forensics, genetics, food science, and others. Students interested in becoming a scientist, engineer, or medical professional should participate in this program located in the state-of-the-art classroom in Clark Hall of Gahanna Lincoln High School.

Areas of study include:

- Molecular Biology
- Microbiology
- Plant technology
- Cloning
- Data reporting and presentation
- Environmental Engineering
- Experiment design

Course Descriptions

# SCIENCE ACADEMY

## COURSES SPECIFIC TO THE SCIENCE ACADEMY PATHWAY

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 3103 | INTRO TO ROBOTICS SCIENCE | 9-12 | 1 |
| 3104 | ADVANCED ROBOTICS SCIENCE | 10-12 | 1 |
| 3105 | APPLIED ROBOTICS AND PROGRAMMING SCIENCE | 11-12 | 1 |
| 3200 | SPACE TECHNOLOGY (LAB)- PHYSICAL | 10-12 | 1 |
| 3210 | UNDERWATER ROBOTICS (LAB)- PHYSICAL | 10-12 | 1 |
| 3220 | DB HONORS BIONICS (LAB)- PHYSICAL | 11-12 | 1 |
| 3240 | HONORS SPECIAL ASPECTS (LAB)- LIFE OR PHYSICAL | 11-12 | 1 |

The Science Academy pathway is a special subset of the general science courses that are geared towards students interested in more hands-on, problem-solving types of classes. The Science Academy pathway is fitting for those that are looking for a less traditional form of science education with course themes mostly consisting of technology, engineering, science processes, and robotics. These focus areas bring a different "flavor" to science classes while still allowing you to meet the science graduation requirements.

***There are no special requirements or applications needed to join the Science Academy, all you have to do is take some of our classes!***

If you have any questions, feel free to email Mrs. Baker at BakerJ@gjps.org or Mr. Lewis at LewisT@gjps.org.

Course Descriptions

## SOCIAL STUDIES

| CODE | COURSE | GRADE | CREDIT |
|---|---|---|---|
| 2040 | MODERN WORLD HISTORY | 9 | 1 |
| 2045 | HONORS MODERN WORLD HISTORY | 9 | 1 |
| 2050 | COMMUNITY LAW | 9-12 | ½ |
| 2095 | WORLD CULTURES | 11-12 | ½ |
| 2100 | AFRICAN AMERICAN HISTORY | 10-12 | 1 |
| 2120 | ECONOMICS | 11-12 | ½ |
| 2420 | AP ECONOMICS | 11-12 | 1 |
| 2240 | WORLD WAR II: GLOBAL CONFLICT | 10-12 | ½ |
| 2290 | PSYCHOLOGY/SOCIOLOGY | 11-12 | 1 |
| 2285 | AP PSYCHOLOGY | 11-12 | 1 |
| 2325 | U.S. HISTORY | 10 | 1 |
| 2425 | AP U.S. HISTORY | 10-12 | 1 |
| 2490 | AP EUROPEAN HISTORY | 11-12 | 1 |
| 2460 | AP US GOVERNMENT & COMPARATIVE GOVERNMENT | 11-12 | 1 |
| 2245 | GLOBAL TERRORISM | 10-12 | ½ |
| 2055 | HISTORY OF AMERICAN CRIMINAL SYSTEM | 10-12 | ½ |
| 2480 | US GOVERNMENT | 12 | 1 |
| 2690 | EL SOCIAL STUDIES PREP SKILLS | 9-12 | 1 |
| 10011DC | COLLEGE CREDIT PLUS INTRO. TO GOVERNMENT | 12 | 1 |
| 10012DC | COLLEGE CREDIT PLUS STATE & LOCAL GOVERNMENT | 12 | 1 |

***GRADUATION REQUIREMENTS: MODERN WORLD HISTORY, U.S. HISTORY AND U.S. GOVERNMENT***

*U.S. GOVERNMENT IS A GRADUATION REQUIREMENT AT GAHANNA LINCOLN HIGH SCHOOL. STUDENTS HAVE THE OPTION OF TAKING THIS REQUIREMENT AS AP U.S. GOVERNMENT and COMPARATIVE GOVERNMENT, COLLEGE CREDIT PLUS INTRO TO GOVERNMENT (POLS 1100) or COLLEGE CREDIT PLUS STATE AND LOCAL GOVERNMENT (POLS 1250).*

## MODERN WORLD HISTORY

**COURSE CODE (2040) • CREDIT 1 (R) •GRADE 9**

Modern World History is a yearlong course that studies the various regions of the world and explores the relationships between their geography and their history. In the effort to develop more of a global awareness in students, this course will examine both the physical and cultural aspects of the geography of Africa, Asia, Latin America, Europe and Oceania. To better understand current world situations, this course will emphasize modern world his-tory from 1750 to the present. *This course satisfies the graduation requirement for World History.*

Course Descriptions

## HONORS MODERN WORLD HISTORY

**COURSE CODE (2045) • CREDIT 1 (E) • GRADE 9 • PREREQUISITE: COMPLETION OF GRADE 8 AMERICAN HISTORY WITH A GRADE OF "B" OR TEACHER RECOMMENDATION**

Honors Modern World History addresses the standards and components of the regular World Cultures curriculum, but there will be more emphasis on research, analysis, and making connections between the past and the present. Students will be given the opportunity to enhance their reading and writing skills in a historical context. Students electing to enroll in this course should be prepared for daily homework. In addition, there will be several supplemental reading assignments during the year. Students will be expected to be actively involved in class discussions, debates and analysis of significant historical issues. Students will be given opportunities to demonstrate their mastery of material through the different uses of technology. *This course satisfies the graduation requirement for World History.*

## COMMUNITY LAW

**COURSE CODE (2050) • CREDIT ½ (E) • GRADES 9-12**

Community Law is designed to help students develop the knowledge and skills necessary for survival in our law-saturated society. Students will analyze, evaluate, and in some situations, resolve legal disputes. The course includes case studies, role-plays, small group exercises and lectures over criminal law, and civil law areas such as torts, consumer law, family law, housing law and individual rights.

## WORLD CULTURES

**COURSE CODE (2095) • CREDIT ½ (E) • GRADES 9 - 12**

World Cultures is an interactive and discussion-based course that will focus on diverse cultures and religions of the world. It is designed to help students recognize ethnocentrism, dispel stereotypes, as well as increase student understanding and appreciation of today's contemporary cultures around the world. The goal of this course is to provide students with exposure to and understanding of a variety of contemporary cultures from the non-western world. Topics include the culture's histories, religions, traditions, customs, and current events. Student evaluation will be based on class participation, homework, and projects as well as tests.

## AFRICAN AMERICAN HISTORY

**COURSE CODE (2100) • CREDIT 1 (E) • GRADES 10-12**

African American History focuses on the African American experience from the beginnings of early civilizations to modern day life. Included in the framework is the study of the cultural heritage of African Americans, contributions of African Americans to America and the rest of the world, concepts of assimilation and a historical perspective to analyze contemporary issues in American politics, art, music, literature, and economics. Students will engage in various activities including projects, research, writings, and discussions.

Course Descriptions

## ECONOMICS

**COURSE CODE (2120) • CREDIT ½ (E) • GRADES 11 - 12**

Economics is the study of how individuals, businesses, and nations deal with the problem of scarce resources. This course is designed to introduce students to basic economic principles such as supply and demand, prices, inflation, business organization, and competitive markets. It will also look into important issues of concern to the national economy such as fiscal and monetary policy, international trade, the banking system, consumer protection, and the stock market.

## AP ECONOMICS

**COURSE CODE: (2420) • CREDIT 1• GRADE 11-12 • FEE: $200**

**AP Microeconomics**: This is a first semester course in the AP Economics program that is encouraged for college bound juniors and seniors, especially those planning to major in Business or pursue further studies in the Social Sciences. This course prepares students for college level abstract thinking and the College Board AP tests scheduled in May. The AP Microeconomics course provides students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers, bother consumers and businesses (producers), within a given economic system. It places primary emphasis on the nature and function of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy.

**AP Macroeconomics**: This is a second semester course in the AP Economics program that is encouraged for college bound juniors and seniors, especially those planning to major in Business or pursue further studies in the Social Sciences. The course prepares students for college level abstract thinking and the College Board AP Test in May. The AP Macroeconomics course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level economic growth, and international economics.

**Note: Students signing up for AP Economics will receive 0.5 credit for AP Microeconomics and 0.5 credit for AP Macroeconomics and will take two (2) AP exams with the potential to pass two college courses.**

Students taking AP courses are required to take the AP exam.

Course Descriptions

## WORLD WAR II: GLOBAL CONFLICT

**COURSE CODE (2240) • CREDIT ½ (E) • GRADES 10 – 12**

World War II: Global Conflict covers the major historical issues of the Second World War in Asia, Europe, Africa, and North America. Issues studied will include: the events that led to the origin of the conflict; the rise of dictators; the strategies of the belligerents; principal military operations; mobilization of nations and societies for total war; successes and failures of both the Axis and Allies; Holocaust, the development and use of atomic weapons; and the origins of the Cold War. The student will become familiar with the major events that occurred before, during, and after the conflict. Students will also learn to appraise the strengths and weaknesses of both sides, and assess the significance and consequences of the confrontation on the postwar world. This class primarily consists of long-term projects.

## PSYCHOLOGY/SOCIOLOGY

**COURSE CODE (2290) • CREDIT 1 (E) • GRADES 11 - 12**

Psychology/Sociology examines the human mind, human behavior and human social behavior from the major psychological and sociological perspectives. Students will learn the skills necessary to both conduct their own research into human behavior and how to critically evaluate the research of others. Areas of focus in Psychology will include a diversity of topics, including neuroscience, personality, research methods, human development, sensation and perception, as well as abnormal and clinical psychology. Sociological topics will investigate how culture, race, ethnicity, gender, class, and age affect life in American Society.

## AP PSYCHOLOGY

**COURSE CODE (2285) • CREDIT 1 (E) • GRADES 11 – 12 FEE: $100**

AP Psychology is a yearlong course designed to introduce students to the scientific study of mental processes and human behavior. The course is designed to mimic that of an introductory college psychology course and will be taught at an intense pace. This particular course is focused on preparing the student to achieve maximum success on the AP Exam. Students will be required to complete a rigorous reading load on a daily basis. The student will gain a thorough understanding of all the topics in an introductory psychology course, including: history and approaches, research methods, neuroscience, development, sensation and perception, states of consciousness, learning, memory, thinking and language, testing and intelligence, motivation and emotion, stress, personality, psychological disorders, and treatment.

Students taking AP courses are required to take the AP exam.

Course Descriptions

## U.S. HISTORY

**COURSE CODE (2325) • CREDIT 1 (R) • GRADE 10**

U.S. History is a required course that will cover the social, economic, political, and cultural changes in the United States from 1877 to the present. Lecture, discussion, films, simulations, interviews, research projects, and other activities will be used to examine topics and events from history. The course will concentrate upon the history of the U.S. since the Civil War, with the emphasis on the 20th Century. It will begin with an examination of the changes brought on by reconstruction, industrialization, and further expansion in the late 1800's. The 20th Century will focus on civil rights and other social and political reforms as well as on the U.S. relationship with the rest of the world. Worldwide events such as the Great Depression, World Wars I and II, the Cold War, Korean War, Vietnam War, and Middle Eastern conflicts will be examined in the light of their impact on the United States. *This course satisfies the graduation requirement for U.S. History.*

## AP U.S. HISTORY

**COURSE CODE (2425) • CREDIT 1 (E/R) • GRADES 10– 12 (10TH WITH PERMISSION SLIP SIGNED BY ENGLISH AND SOCIAL STUDIES TEACHER) • FEE: $100 • PREREQUISITE: TEACHER RECOMMENDATION**

AP U.S. History provides an in-depth study of American History that examines the years between 1492 and the present. This is an accelerated course for serious history students and prepares students for intermediate and advanced college courses and includes a heavy emphasis on the development of critical reading and writing skills. Students taking AP courses are required to take the AP exam. *This course satisfies the graduation requirement for U.S. History.*

## AP EUROPEAN HISTORY

**COURSE CODE (2490) • CREDIT 1 (E) • GRADE 11-12 • FEE: $100**

AP European History studies European History since 1450 introducing students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students taking AP courses are required to take the AP exam.

## U.S. GOVERNMENT

**COURSE CODE: (2480) • CREDIT 1 (R) • GRADE 12**

This is a year-long course required for graduation. Students will study the U.S. Constitution and the fundamentals of the American Federal System of Government. Throughout the course important to historical documents, institutions, political parties, taxes, and elections will be studied at all levels of government. In addition, students will complete community service activities. *This course satisfies the graduation requirement for American Government.*

## AP U.S. GOVERNMENT & POLITICS and COMPARATIVE GOVERNMENT & POLITICS

**COURSE CODE (2460) • CREDIT 1 (E/R) • GRADE 11-12 • FEE: $200**

Course 1 **United States Government and Politics**

Course 2 **Comparative Government and Politics**

AP U.S. Government is an in-depth study of the national institutions, linkage institutions and politics in the U.S. Government and from six countries around the world (Great Britain, Mexico, Russia, Iran, China & Nigeria). It is an accelerated course, which for the serious government student fulfills the 12th grade U.S. Government requirement. This course prepares a student to take two Advanced Placement tests scheduled in May. Students taking AP courses are required to take the AP exam. *This course satisfies the graduation requirement for American Government.*

**Note: Students signing up for AP Government will receive 0.5 credit for AP U.S. Government and Politics and 0.5 credit for AP Comparative Government and Politics and will take two (2) AP exams with the potential to pass two college courses.**

## COLLEGE CREDIT PLUS INTRO. TO GOVERNMENT

**COURSE CODE (10011DC) • CREDIT 1 (R) • GRADE 12 • PREREQUISITE: PLACEMENT INTO ENGL 1100**

CCP Intro to Government provides high school Social Studies credit and three hours of college credit, through Columbus State Community College, upon successful completion of the course. POLS 1100 introduces students to the nature, purpose and structure of the American political system. Attention is given to the institutions and processes that create public policy. The strengths and weaknesses of the American political system are discussed, along with the role of citizens in a democracy.

*This course satisfies the graduation requirement for American Government.*

## COLLEGE CREDIT PLUS STATE AND LOCAL GOVERNMENT

**COURSE CODE (10012DC) • CREDIT 1 (E) • GRADE 12 • PREREQUISITE: PLACEMENT INTO ENGL 1100**

CCP State and Local Government provides high school Social Studies credit and three hours of college credit, through Columbus State Community College, upon successful completion of the course. POLS 1250 introduces the student to the nature, purpose and structure of state and local governments, especially in Ohio. Attention is given to the institutions and processes that create public policy, including fiscal policy and the court system. The strengths and weaknesses of the state and local government system are discussed along with the everyday role of citizens in a democracy—especially at these levels of government.

*This course satisfies the graduation requirement for American Government.*

Course Descriptions

## GLOBAL TERRORISM

**COURSE CODE: (2245) • CREDIT 1/2(E) • GRADE 10-12**

Global Terrorism will explore the definition of terrorism, the history of its use, as well as examine causes and logic behind its use by different political and religious actors. The course will examine how nations, particularly the United States, react to terrorism with counter-terrorism measures. Global Terrorism will use research based primary and secondary resources as well as current events to develop an understanding of Global Terrorism and its impact in the 21st Century.

## HISTORY OF AMERICAN CRIMINAL SYSTEM

**COURSE CODE: (2055) • CREDIT 1/2 (E) • GRADE 10-12**

History of Criminal Law will look at the historical relationship between enforcing and policing laws, the role of the courts, and the impact on our correctional institutions on society. This course will utilize real-life case studies and analyze bench-mark cases that have had lasting impacts on our society. Students will identify current legal issues in society, identify strengths and weaknesses within our criminal justice system and critically think of creative solutions to perceived problems. Cases will be looked at from various perspectives such as age, gender, race and ethnicity.

Course Descriptions

# SPECIAL EDUCATION

**EDUCATIONAL PROGRAMS FOR STUDENTS WITH SPECIAL LEARNING NEEDS ARE AVAILABLE IN THE LEAST RESTRICTIVE ENVIRONMENT. SEE YOUR SCHOOL COUNSELOR FOR MORE INFORMATION.**

**THESE CLASSES ARE SCHEDULED BY PERMISSION ONLY.**

## RESOURCE CLASSROOM

The Resource Classroom is a more restrictive option designed to assist students in the areas of their learning difficulty. Scheduling these courses is determined by IEP Team decision. Courses offered may include:

| ELA | Math |
|---|---|
| 8075 English 9 Skills | 8117 Algebra 1 Skills |
| 8080 English 10 Skills | 8118 Geometry Skills |
| 8085 English 11 Skills | 8116 Algebra 2 Skills |
| | 8780 Consumer Math |

## COLLABORATIVE

A collaborative supports students in a general course co-taught by a general education teacher and an intervention specialist.
Courses offered:

| ELA | Math |
|---|---|
| 8410 English 9 | 8131 Algebra I |
| 8420 English 10 | 8167 Geometry |
| 8430 English 11 | 8215 Algebra II |
| | 3870 College Prep Math |

## ASSISTANCE PERIOD

**STUDENTS RECEIVE ¼ CREDIT FOR ASSISTANCE CLASSES PER SEMESTER**

The intervention specialist assists students with individual modifications/accommodations for assignments, projects, tests, etc. It is designed to help students prepare, enhance and/or review for classes, while also addressing the individual student's IEP goals. Assistance will be given for other academic subjects, but the primary focus will be on either math or ELA—depending on the area of greater need.
Courses offered:

8100/8101 ELA Assistance
8102/8103 Math Assistance
8107/8108 Executive Functioning Assistance
8113/8114 ELA and Math Assistance

Course Descriptions

## INTERVENTION SPECIALIST PROGRAMS

The Fundamental Support Services educational program is designed with objectives that are sequenced developmentally in or-der to provide skills leading to independence in adulthood. The courses offered provide for alternative methods of instruction and the materials are aimed at fostering positive self-concepts and good work habits.

The primary focus of the program for Extended Support Services students is to provide opportunities to develop skills for independently executing self-help skills, daily living skills, and employability skills. Frequently, community involvement encourages student opportunities and reinforces appropriate social behavior. Domains of focus include: math, reading, language/ communication, vocational domestic, community access, and recreation and leisure.

Courses offered in the Behavioral Support Services program are those required for graduation and specified in each student's Individualized Education Plan. Emphasis is on the responsibility/privilege level systems reinforcing motivation, self-control, and appropriate socialization as well as basic fundamental instruction in reading, math, and employability behaviors.

The work-study program is available as an option for students designed to provide the student with social skills and employability skills necessary for successful transition from school to independence in society. Students involved in the work-study program participate at supervised work sites with the Work Study Coordinator meeting regularly with the student's employers.

## ENGLISH 9 COLLABORATIVE

**COURSE CODE (8410) • CREDIT 1 (E) • GRADE 9**

This course offers students the opportunity to participate in a general education English 9 class with support from an Intervention Specialist. Students will be sup-ported in a regular course with the addition of a special education teacher working collaboratively with the general education teacher.

## ENGLISH 10 COLLABORATIVE

**COURSE CODE (8420) • CREDIT 1 (E) • GRADE 10**

This course offers students the opportunity to participate in a general education English 10 class with support from an Intervention Specialist. Students will be supported in a regular course with the addition of a special education teacher working collaboratively with the general education teacher.

## ENGLISH 11 COLLABORATIVE

**COURSE CODE (8430) • CREDIT 1 (E) • GRADE 11**

This course offers students the opportunity to try to participate in a general education English 11 class with support from an Intervention Specialist. Students will be supported in a regular course with the addition of a special education teacher working collaboratively with the general education teacher.

Course Descriptions

## ALGEBRA I COLLABORATIVE

**COURSE CODE (8131) • CREDIT 1 (E) • GRADES 9 – 12**

This class is a general education Algebra I Math course taught through the collaborative efforts of the Math and Special Education departments. It utilizes a team-teaching approach to cover Algebra I topics (See Math Department Course Description) while providing additional sup-port to students with various learning levels.

## GEOMETRY COLLABORATIVE

**COURSE CODE (8167) • CREDIT 1 (E) • GRADES 10 – 12**

This course is a general education Applied Geometry course taught through the collaborative efforts of the Math & Special Education Departments. The teachers will cover the standard topics (see Math Department Course Description) while providing additional support to students with various learning levels

## ALGEBRA II COLLABORATIVE

**COURSE CODE (8215) • CREDIT 1 (E) • GRADES 11 – 12**

This class is a general education Algebra II CORE class taught through the collaborative efforts of the Math and Special Edu-cation departments. It utilizes a team-teaching approach to cover all of the topics in the Algebra II CORE curriculum, while providing additional support with various learning levels.

## COLLEGE PREP MATH COLLABORATIVE

**COURSE CODE (3870) • CREDIT 1 (E) • GRADES 11 – 12**

This class is a general education college prep math class taught through the collaborative efforts of the Math and Special Education departments. It utilizes a team -teaching approach to provide additional support to students with various learning levels. The course uses a series of online, self- guided courses, which allows students to move at their own pace. College Prep Math does not offer college credit.

Course Descriptions

## ASSISTANCE PERIOD

**COURSE CODE: See page 85 for course codes • CREDIT ¼ EACH SEM. (E) · GRADES 9-12**

This class offers students the opportunity to receive assistance with individual assignments, projects, and tests, primarily in the area which impacts students the most: ELA, Math, or Executive Function. Attention will be given to other academics but primary focus will be on ELA or math. In addition, students are encouraged to expand and apply successful study and organizational skills related to their Individual Education Plan. The tutoring/assist periods are designed to reinforce skills in the areas of effective time management, organization of needed class materials, and completion of tasks assigned. Students are required to come to class on time, bring all needed materials, work throughout the class period and behave appropriately to earn credit.

## ENGLISH 9 SKILLS

**COURSE CODE (8075) • CREDIT 1 (E) • GRADE 9**

English 9 Skills is a small classroom setting focusing on developing the English 9 Language Arts skills as per the stated district curriculum. The course is year-long and required for all freshmen. The course focuses on building basic reading skills including fluency, vocabulary and comprehension. A variety of texts will be read which will include *Monster, Of Mice and Men, Romeo and Juliet, The Odyssey,* and various non-fiction texts and poetry. Students will learn how to develop their writing and grammar skills through a variety of Language Arts projects and assignments. Students will be exposed to the research and writing process, and they will be required to complete a research assignment.

## ENGLISH 10 SKILLS

**COURSE CODE (8080) • CREDIT 1 (E) • GRADE 10 • PREREQUISITE: IEP TEAM DECISION**

English 10 Skills is a year-long class with a small group setting which is focused on continuing to develop the English 10 Language Arts skills as per the stated district curriculum. This course satisfies the English 10 requirement. A variety of texts will be read, and two of the texts will be *To Kill a Mockingbird* and *Julius Caesar.* Stu-dents will work on developing themselves as writers, and incorporate grammar skills into their writing. Students will also be exposed to the research process and will be required to complete a research assignment.

## ENGLISH 11 SKILLS

**COURSE CODE (8085) • CREDIT 1 (E) • GRADE 11 • PREREQUISITE: IEP TEAM DECISION**

English 11 Skills is a small group class-room setting focusing on developing the English 11 English/Language Arts standards as stated by the district curriculum. The course is yearlong for juniors that satisfies the English 11 requirement. A variety of texts will be read focusing on American Literature throughout history. Students will continue to develop writing, research, and analysis skills through various activities and assignments.

Course Descriptions

## ALGEBRA 1 SKILLS

**COURSE CODE 8117 • CREDIT 1 (R/E) • GRADES 9-12 • PREREQUISITE: IEP TEAM DECISION**

Algebra 1 Skills is a yearlong course with a small group setting which is focused on continuing to develop Algebra 1 skills as per the state standards. This course satisfies the Algebra 1 requirement. After a brief review of order of operations and integers, students will develop a stronger understanding of equations and functions, and learn how to apply these skills in their real lives. Students will also explore linear and nonlinear functions, using graphs to explore these functions. Course content will be presented at a pace that meets the needs of the students and the needs identified in the individualized education plans. Calculators will be used to aid student understanding. It is recommended that students use a TI-84 Plus or TI-83 Plus calculator.

## GEOMETRY SKILLS

**COURSE CODE 8118 • CREDIT 1 (R/E) • GRADES 10-12 • PREREQUISITE: IEP TEAM DECISION**

Geometry Skills is a yearlong course with a small group setting which is focused on continuing to develop Geometry skills as per the state standards. This course satisfies the Geometry requirement. This course formalizes what students have learned about Geometry in the middle grades with a focus on reasoning and making mathematical arguments. Students will explore characteristics of polygons, with a focus on triangle, as well as the geometry of circles. Throughout the course, connections between geometry and algebra will be emphasized. Course content will be presented at a pace that meets the needs of the students and the needs identified in the individualized education plans. Calculators will be used to aid student understanding. It is recommended that students use a TI-84 Plus or TI-83 Plus calculator.

## ALGEBRA 2 SKILLS

**COURSE CODE 8116 • CREDIT 1 (R/E) • GRADES 11-12 • PREREQUISITE: IEP TEAM DECISION**

Algebra 2 Skills is a yearlong course with a small group setting which is focused on continuing to develop Algebra 2 skills as per the state standards. This course satisfies the Algebra 2 requirement. This course focuses on the four critical areas of Algebra II: functions, polynomials, periodic phenomenon, and collecting and analyzing data. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions, and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real world problems. Course content will be presented at a pace that meets the needs of the students and the needs identified in the individualized education plans. Calculators will be used to aid student understanding. It is recommended that students use a TI-84 Plus or TI-83 Plus calculator.

## CONSUMER MATH

**COURSE CODE 8780 • CREDIT 1 (E) • GRADES 9-12**

Consumer Math is a yearlong course where students apply practical math skills to personal financial management and future careers. These skills include a review of basic mathematical operations, fractions, decimals, and percentages. Mastery of budgeting and resource management is a key component of the course. Other topics studied include the car-buying and financing process, understanding home and auto insurance, renting and homeowner-ship, avoiding fraud, travel and money, investing, wages and taxes. This course is primarily for students entering the work-force directly after high school graduation.

Course Descriptions

# COLLEGE CREDIT PLUS

The College Credit Plus (CCP) program is designed to provide GLHS students the opportunity to complete college course work while still in high school, at no cost to families. The program is designed for students, grades 7-12, that have demonstrated **college readiness** and are looking to jumpstart their college experience. Upon successful completion of the course, students will earn transcripted college credit as well as high school credit for the courses taken. This program allows for families to save thousands of dollars in college tuition while giving students an early start on their post-secondary plan. Through partnerships with Columbus State Community College and other institutions of higher education, students are provided a large selection of General Education and Career-Technical courses from which to choose. Students are not limited to the courses or the institution of higher education listed, however criteria for taking a course through the CCP program are listed below.

- Acceptance by the Institution of Higher Education.
- Meet **all** the application and enrollment deadlines set by the Institution of Higher Education.
- Meet all prerequisites for the desired course(s) (see course descriptions or the course guide for the selected institution for more information).
- If the student fails to complete the course or receives a failing grade, the family is liable for all financial obligations.
- Transportation, if needed, will be the responsibility of the students/parents.
- Text and related supplemental materials purchased for the student are the property of the district. At the end of the course, students are responsible for returning texts and supplemental materials to the district and are responsible for any fines associated with abuse of the text and related materials.

Please see a school counselor for more information.

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# EASTLAND·FAIRFIELD
## CAREER & TECHNICAL SCHOOLS

## EXPLORE THE OPPORTUNITIES

Eastland-Fairfield Career & Technical Schools offers 11th and 12th grade students nearly 40 programs between our two high school campuses and four satellite locations, which are designed to prepare them for an intended career path. Our programs provide students with the opportunity to build upon their talents and interests, whether they are planning to pursue college, jump directly into the workforce, enlist into the military, and/or begin their own adventure as an entrepreneur. Eastland-Fairfield offers students a different high school experience while providing the knowledge, work experience, and supports needed to be ready for their next steps.

## OUR PROGRAMS

**Agricultural & Environmental Systems**
Animal Management (FCC)
Natural Resource Management (New Albany) *

**Arts & Communication**
Graphic Design (ECC)

**Finance, Business, Administrative Services, and Marketing**
Marketing & Logistics Management (Groveport Madison HS) *
Medical Office (ECC)

**Construction Technologies**
Architecture & Construction Management (Gahanna Lincoln) *
Construction (FCC)
Electrical (ECC)
Heating, Ventilation, Air Conditioning & Refrigeration (FCC)

**Education & Training**
Teaching Professions (Gahanna Lincoln & FCC) *

**Health Science**
Bioscience (Gahanna Lincoln) *
Pre-Dental (ECC & FCC)
Pharmacy (FCC)
Pre-Nursing (FCC)
Sports Medicine (New Albany & Gahanna Lincoln) *
STNA (FCC) ^

**Hospitality & Tourism**
Culinary Arts (ECC)

**Human Services**
Cosmetology (ECC & FCC)
Employability Prep (Offsite and FCC) *
Nail Services (ECC) ^
Project SEARCH (Offsite) *

**Information Technology**
Cyber Security (New Albany) *
Interactive Media (ECC)
Multimedia (Pickerington North) *
Programming & Software Development (ECC)

**Law & Public Safety**
Criminal Justice (ECC & FCC)
Firefighting (ECC) ^

**Manufacturing Technologies**
Pre-Engineering (ECC)
Robotics & Automation (ECC)
Welding (ECC)

**Transportation Systems**
Agriculture & Heavy Equipment (ECC)
Automotive (ECC & FCC)
Auto Body & Paint (ECC)
Aviation (ECC)

* indicates a satellite program hosted at an EFCTS associate school
^ indicates a one-year, senior-only program

**Your Future. Our Focus.**

## OUR LOCATIONS

**Eastland Career Center (ECC)**
Groveport, Ohio

**Fairfield Career Center (FCC)**
Carroll, Ohio

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# EASTLAND·FAIRFIELD
## CAREER & TECHNICAL SCHOOLS

## WHAT IS CAREER TECHNICAL EDUCATION?

Career and technical education (CTE) prepares youth and adults for a wide range of high-wage, high-skill, high-demand careers by focusing on developing skills. Engaging hands-on experience and application tests make up the bulk of the CTE experience through specific and versatile programming.

## EXPLORE YOUR OPPORTUNITIES AT EFCTS

Eastland-Fairfield Career & Technical Schools offers 11th and 12th grade students nearly 40 programs between our two high school campuses and four satellite locations, which are designed to prepare them for an intended career path. Our programs provide students with the opportunity to build upon their talents and interests, whether they are considering to pursue a college degree or industry credentials and certifications, jump directly into the workforce, enlist into the military, and/or begin their own adventure as an entrepreneur.

## WE CONNECT ACADEMIC AND REAL-WORLD SUCCESS

Eastland-Fairfield offers top-notch academics, taught by a dedicated team of high-quality teachers. Students immerse themselves in an industry or profession by spending up to a half-day engaging in hands-on learning and gaining real-world experience. Classrooms and labs are equipped with state-of-the-art technology and students learn from instructors that are seasoned professionals in their career field.

## GET THE FULL EXPERIENCE

The Eastland-Fairfield learning environment extends far beyond the classroom. Students have the opportunity to engage in internships, work-based learning (formerly known as "school to work"), job shadowing, community service, field trips. student organizations, cooperative education, and with guest speakers, all of which provide valuable experience, connections, and practice in building technical and interpersonal skills.

## GET A JUMP START ON COLLEGE *AND* SAVE MONEY

Not only do Eastland-Fairfield programs prepare students for additional education, but many also allow students to earn college credit or enter college with advanced standing. Students can earn college credits in select programs to apply to their college transcript nearly anywhere!

## STAY ENGAGED!

Choosing a career-tech pathway does not mean you're saying goodbye to your home school. You are still a member of your home school community. We encourage all EFCTS students to remain engaged with events, activities, and clubs at your home high school. Keep playing sports, performing in band, choir or theater, participating in organizations, AND take classes that prepare you for your future pathway.

## FOR MORE INFORMATION

Any student considering a specific career pathway or seeking a different high school experience is encouraged to explore Eastland-Fairfield as an engaging and enriching educational option. Sign up for tours through your school, register for a family or individual tour, speak with a Career Services team member, or visit us online to learn more about the opportunities and experiences waiting for you at EFCTS.

www.EastlandFairfield.com
614-836-4530. ext. 1521
youtube.com/EFCTS
@EFCTS_pix
@EFCTS
facebook.com/EFCTS

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# *COURSE FEES*
# *FOR THE 2025-26 SCHOOL YEAR*

**GENERAL INSTRUCTIONAL FEE: $35 PER STUDENT PER YEAR**

| CODE | COURSE | FEE | CREDIT |
|---|---|---|---|
| 6366 | BLACK/WHITE FILM PHOTOGRAPHY | $15 | 1 |
| 640— | CERAMICS I, II, III | $25 | 1 |
| 6053 | COMPUTER ART I | $10 | ½ |
| 6054 | COMPUTER ART II | $10 | ½ |
| 6301 | COMMUNITY ART | $25 | 1 |
| 607— | DRAWING I, II, III, IV | $10 | ½ |
| 6364 | DIGITAL PHOTO | $10 | ½ |
| 1900 | MANDARIN CHINESE I | $38 | 1 |
| 6057 | PAINTING I, II | $25 | 1 |
| 6365 | PRINTMAKING | $25 | 1 |
| 6400 | SCULPTURE | $25 | 1 |
| 6085 | ART PORTFOLIO | $25 | 1 |
| 6049 | S.W.A.G | $25 | 1 |
| 6031 | UNIFIED ART | $15 | 1 |

**AP COURSE FEES**

| CODE | COURSE | FEE | CREDIT |
|---|---|---|---|
| 3855 | AP CALCULUS AB | $100 | 1 |
| 3860 | AP CALCULUS BC | $100 | 1 |
| 3865 | AP STATISTICS | $100 | 1 |
| 1340 | AP ENGLISH LANGUAGE AND COMPOSITION | $100 | 1 |
| 1343 | AP LITERATURE | $100 | 1 |
| 2285 | AP PSYCHOLOGY | $100 | 1 |
| 2460 | AP US GOVERNMENT & COMPARATIVE GOVERNMENT | $200 | 1 |
| 2425 | AP U.S. HISTORY | $100 | 1 |
| 2490 | AP EURO. HISTORY | $100 | 1 |
| 2420 | AP ECONOMICS | $200 | 1 |
| 3450 | AP CHEMISTRY | $100 | 1 |
| 3150 | AP BIOLOGY | $100 | 1 |
| 3230 | AP ENVIRONMENTAL SCIENCE | $100 | 1 |
| 1580 | AP FRENCH | $131 | 1 |
| 1880 | AP SPANISH | $100 | 1 |
| 1980 | AP CHINESE | $140 | 1 |

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## ***PAY TO PARTICIPATE FEES***

$25.00 Per Activity
$50.00 Family Cap

## APPLICABLE ACTIVITIES

Band (except Jazz Band)
Choir
Competitive Speech & Debate
Color Guard
Journalism/Yearbook
Lionettes (Drill Team)
Student Council

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# *TELEPHONE NUMBERS*

| | |
|---|---|
| **Gahanna Lincoln High School** | **478-5500** |
| Gahanna Lincoln High School Fax Number | 413-3021 |
| **Clark Hall** | **479-1515** |
| Clark Hall Fax Number | 416-9694 |
| **ADMINISTRATION** | |
| Jessica Williams, *Principal* | 478-5500 |
| Charles Banks, *Assistant Principal* | 479-1412 |
| Kris Fuller, *Assistant Principal* | 479-1417 |
| Stephen King, *Assistant Principal* | 479-1413 |
| Aneesa Locke-Hines, *Assistant Principal* | 479-1411 |
| Keisha Whitfield, *Assistant Principal* | 479-1960 |
| Zach Wiard, *Assistant Principal* | 479-1418 |
| Matthew Welsh, *Athletic Director* | 479-1560 |
| Wendy Gladigan, *Main Office Secretary* | 478-5511 |
| Te-Asia Tweedy, *Main Office Secretary* | 478-5500 |
| Jennifer Essinger, *Attendance Secretary* | 478-5515 |
| Lorie McCarter, *Attendance Secretary* | 479-1631 |
| Susan Kromer, *Secretary* | 479-1562 |
| Matthew Gilmore, *Athletic Secretary* | 479-1560 |
| *TBD*, Clark Hall Secretary | 479-1515 |
| **SCHOOL COUNSELING** | |
| School Counseling Fax Number | 413-3915 |
| Chelsey Stalnaker, *School Counselor,* A-Car & Career/Tech 11 | 479-1625 |
| Julie Nelson Slagle, *School Counselor,* Cas-Fo & Career/Tech 12 | 479-1627 |
| Melissa Monnig, *School Counselor,* Fp-Ke | 479-1628 |
| Duane Miller, *School Counselor,* Kf-Or | 479-1630 |
| Anna Prenoveau, *School Counselor,* Os-Sn | 479-1629 |
| Landon Erb, *School Counselor,* So-Z | 479-1626 |
| Tera Dersom , *Registrar* | 479-1633 |
| Ramla Ali, *School Counseling Secretary* | 478-5508 |
| Johnel Amerson, *School Psychologist* | 479-1318 |
| **CAREER CENTER** | |
| Eastland Career Center | 836-5725 |
| Fairfield Career Center | 837-9443 |
| **LIBRARY/MEDIA CENTER** | |
| Ann Gleek, *Librarian/Media Specialist* | 479-1617 |

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| Department Chairpersons | |
|---|---|
| Art/Music/Theater | Adam Dornbier |
| Business/Computer/CTE/FCS | Marcie Aiello |
| English | Christopher Wagner |
| School Counseling | Melissa Monnig |
| World Languages | Julie Ingo<br>Andrea McGee |
| Mathematics | Cheryl Ramey |
| Physical Education/Health | Scott Meadows |
| Science | Dale Eckard |
| Social Studies | Jessica Saluke<br>Sarah Weber-Matejic |
| Special Education | Ryan Callihan<br>Rachael Noble |

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## SAMPLE FOUR YEAR PLANNING SHEET

| 9th grade – 1st Semester | | | 9th grade – 2nd Semester | | |
|---|---|---|---|---|---|
| Period | Course | Credit | Period | Course | Credit |
| 1 | ENGLISH 9 | | 1 | ENGLISH 9 | 1 |
| 2 | MATH | | 2 | MATH | 1 |
| 3 | PHYS. SCIENCE | | 3 | PHYS SCIENCE | 1 |
| 4 | MODERN WORLD HISTORY | | 4 | MOD WORLD HISTORY | 1 |
| 5 | LUNCH | | 5 | LUNCH | |
| 6 | SPEECH (9th or 10th grade) | ½ | 6 | PHYS ED | ¼ |
| 7 | CAREER CONNECTIONS | ½ | 7 | ART | ½ |
| 8 | SPANISH 1 | | 8 | SPANISH 1 | 1 |
| **10th grade – 1st Semester** | | | **10th grade – 2nd Semester** | | |
| Period | Course | Credit | Period | Course | Credit |
| 1 | ENGLISH 10 | | 1 | ENGLISH 10 | 1 |
| 2 | MATH | | 2 | MATH | 1 |
| 3 | SCIENCE (BIO) | | 3 | SCIENCE (BIO) | 1 |
| 4 | HEALTH | ½ | 4 | PHYS ED | ¼ |
| 5 | LUNCH | | 5 | LUNCH | |
| 6 | US HISTORY | | 6 | US HISTORY | 1 |
| 7 | SPANISH 2 | | 7 | SPANISH 2 | 1 |
| 8 | ART | ½ | 8 | STUDY HALL | |

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| 11th grade – 1st Semester | | | 11th grade – 2nd Semester | | |
|---|---|---|---|---|---|
| Period | Course | Credit | Period | Course | Credit |
| 1 | ENGLISH 11 | | 1 | ENGLISH 11 | 1 |
| 2 | MATH | | 2 | MATH | 1 |
| 3 | SCIENCE | | 3 | SCIENCE | 1 |
| 4 | LUNCH | | 4 | LUNCH | |
| 5 | VPA | | 5 | VPA | 1 |
| 6 | PERSONAL FINANCE | ½ | 6 | | |
| 7 | | | 7 | | |
| 8 | | | 8 | | |

| 12th grade – 1st Semester | | | 12th grade – 2nd Semester | | |
|---|---|---|---|---|---|
| Period | Course | Credit | Period | Course | Credit |
| 1 | US GOVERNMENT | | 1 | US GOVERNMENT | 1 |
| 2 | MATH | | 2 | MATH | 1 |
| 3 | SENIOR ENGLISH | | 3 | SENIOR ENGLISH | 1 |
| 4 | LUNCH | | 4 | LUNCH | |
| 5 | | | 5 | | |
| 6 | | | 6 | | |
| 7 | | | 7 | | |
| 8 | | | 8 | | |

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## YOUR FOUR YEAR PLANNING SHEET

| 9th grade – 1st Semester | | | 9th grade – 2nd Semester | | |
|---|---|---|---|---|---|
| Period | | Credit | Period | | Credit |
| 1 | | | 1 | | |
| 2 | | | 2 | | |
| 3 | | | 3 | | |
| 4 | | | 4 | | |
| 5 | | | 5 | | |
| 6 | | | 6 | | |
| 7 | | | 7 | | |
| 8 | | | 8 | | |
| **10th grade – 1st Semester** | | | **10th grade – 2nd Semester** | | |
| Period | | Credit | Period | | Credit |
| 1 | | | 1 | | |
| 2 | | | 2 | | |
| 3 | | | 3 | | |
| 4 | | | 4 | | |
| 5 | | | 5 | | |
| 6 | | | 6 | | |
| 7 | | | 7 | | |
| 8 | | | 8 | | |

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| 11th grade – 1st Semester | | | 11th grade – 2nd Semester | | |
|---|---|---|---|---|---|
| Period | | Credit | Period | | Credit |
| 1 | | | 1 | | |
| 2 | | | 2 | | |
| 3 | | | 3 | | |
| 4 | | | 4 | | |
| 5 | | | 5 | | |
| 6 | | | 6 | | |
| 7 | | | 7 | | |
| 8 | | | 8 | | |
| **12th grade – 1st Semester** | | | **12th grade – 2nd Semester** | | |
| Period | | Credit | Period | | Credit |
| 1 | | | 1 | | |
| 2 | | | 2 | | |
| 3 | | | 3 | | |
| 4 | | | 4 | | |
| 5 | | | 5 | | |
| 6 | | | 6 | | |
| 7 | | | 7 | | |
| 8 | | | 8 | | |

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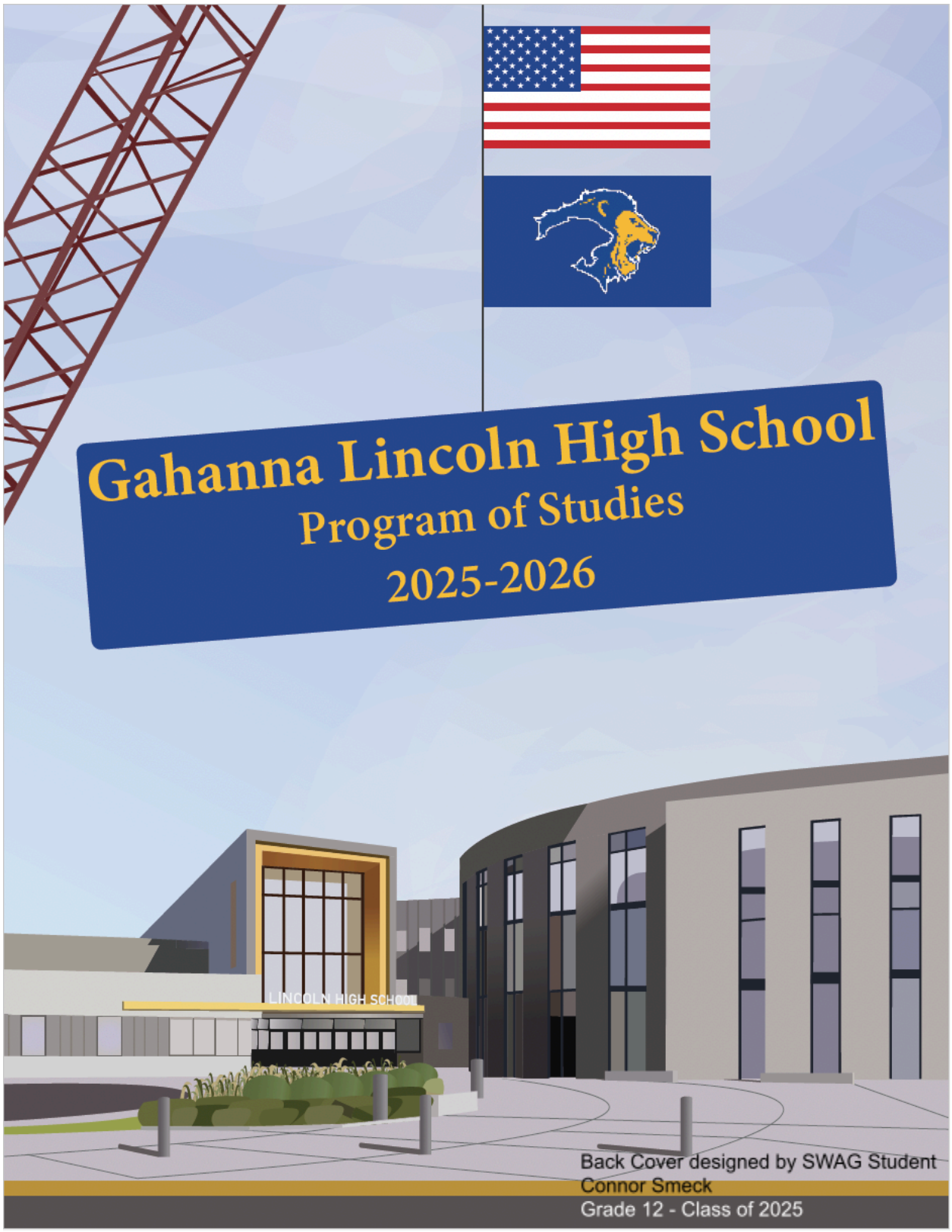
# Gahanna Lincoln High School

## Program of Studies

## 2025-2026




Back Cover designed by SWAG Student
Connor Smeck
Grade 12 - Class of 2025