

GAHANNA
LINCOLN
HIGH SCHOOL

PROGRAM OF STUDIES

2023 - 2024



123

Cover art by Elizabeth Helwig grade 10



GAHANNA-LINCOLN HIGH SCHOOL

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

GAHANNA-JEFFERSON GRADUATE PROFILE

As a global citizen, a Gahanna-Jefferson Student will be:

- A Responsible Community Member
- A Comprehensive Problem Solver
- A Proficient Technology User
- A Collaborative Team Member
- An Effective Communicator

ADMINISTRATION

Jessica Williams, Principal
Charles Banks, Assistant Principal
Dustin Cullen, Assistant Principal
Kris Fuller, Assistant Principal
Stephen King, Assistant Principal
Aneesa Locke-Hines, Assistant Principal
Kathryn Harris, Director of Athletics

SCHOOL COUNSELORS

Landon Erb, Counselor
Duane Miller, Counselor
Melissa Monnig, Counselor
Julie Nelson Slagle, Counselor
Anna Prenoveau, Counselor
Chelsey Stalnakar, Counselor

DISTRICT OFFICE

160 South Hamilton Road
Gahanna OH 43230
Phone: (614) 471-7065 FAX: (614) 478-5568

Mission Statement

Our mission is to inspire, nurture, and empower all students to love learning.

District Leaders

Dr. Tracey Deagle - Superintendent
Mrs. Jill Elliott - Assistant Superintendent
Mr. Scott Gooding - Treasurer

Board of Education

Mrs. Beryl Piccolantonio - President
Mrs. Kara Coates
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.

Nondiscrimination Policies/Equal Education Opportunities

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).

TABLE OF CONTENTS

<u>Planning and Policies</u>	<u>Pages</u>
<u>HOW TO PLAN YOUR PROGRAM OF STUDIES</u>	7
<u>ACCELERATED GRADUATION</u>	7
<u>PROGRESSION TO THE NEXT GRADE LEVEL</u>	7
<u>GRADUATION REQUIREMENTS</u>	8-9

Academic Programs College and Career Planning	Pages
<u>COLLEGE PREPARATORY PROGRAM</u>	10
<u>COLLEGE SELECTION</u>	10
<u>ADVANCED PLACEMENT</u>	11
<u>HIGH SCHOOL CAREER CENTER PROGRAMS</u>	11
<u>MOSAIC PROGRAM</u>	11
<u>SPECIAL EDUCATION PROGRAMS</u>	12

Educational Options	Pages
<u>EDUCATIONAL MENTORSHIP</u>	13
<u>COLLEGE CREDIT PLUS PROGRAM</u>	13
<u>EXCHANGE STUDENT PROGRAM</u>	14
<u>EARLY DISMISSAL</u>	14
<u>CREDIT FLEXIBILITY</u>	14

<u>Course Registration – Scheduling of Classes</u>	<u>Pages</u>
<u>COURSE CHANGES</u>	15
<u>TRANSCRIPTS</u>	16
<u>UNPAID OBLIGATIONS</u>	16
<u>GRADE POINT SCALE</u>	16
<u>ATHLETIC ELIGIBILITY</u>	17
<u>VPA – VISUAL OR PERFORMING ARTS</u>	17
<u>NCAA CORE CLASSES</u>	17

Awards	Pages
<u>CAREER/TECHNICAL CURRICULUM</u>	18
<u>ACADEMIC RECOGNITION ASSEMBLY</u>	18

COURSE DESCRIPTIONS	Pages
<u>VISUAL ARTS</u>	19-23
<u>BUSINESS</u>	24-27
<u>COMPUTER SCIENCE</u>	28-30
<u>ENGINEERING TECHNOLOGY EDUCATION</u>	30-31
<u>ENGLISH/LANGUAGE ARTS</u> (Including Theatre and Broadcasting)	32-42
<u>FAMILY AND CONSUMER SCIENCES</u>	43-44
<u>WORLD LANGUAGES</u>	45-53
<u>MATHEMATICS</u>	54-59
<u>MUSIC</u>	60-64
<u>PHYSICAL EDUCATION/HEALTH</u> (Including PE Waiver)	65-67
<u>SCIENCE</u>	68-72
<u>SCIENCE ACADEMY</u>	73-76
<u>SOCIAL STUDIES</u>	77-83
<u>SPECIAL EDUCATION</u>	84-88
<u>COLLEGE CREDIT PLUS</u>	89
<u>EASTLAND AND FAIRFIELD CAREER CENTERS</u>	90-91

MISCELLANEOUS	Pages
<u>COURSE FEES</u>	92
<u>PAY TO PARTICIPATE FEES</u>	93
<u>TELEPHONE NUMBERS</u>	94
<u>FOUR-YEAR PLAN SHEET</u>	98

2023-2024 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 career plans. We suggest that you:

- Choose subjects wisely with the help of counselors, teachers and parents. 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 99-100.

CURRICULUM REQUIREMENTS FOR GRADUATION

The following section outlines the minimum credit requirements for an LHS diploma as prescribed by the State Department of Education and the GJPS Board of Education. Please refer to the appropriate Four-Year Plan Sheet, and example on pages 102-10358-59 for required courses.

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

ACCELERATED GRADUATION

Students planning to graduate after six semesters of high school must have the written permission of a parent/guardian, meet with a school counselor, and submit their written request as soon as possible. A plan to meet all graduation requirements must be completed.

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

[Table of Contents](#)

GRADUATION REQUIREMENTS

NOTE TO PARENTS 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 parents 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.

GRADUATION REQUIREMENTS FOR CLASS of 2023 and beyond

The new graduation requirements consists of **three** key components:

1. Course Completion
2. Demonstrating Competency
3. Demonstrating Readiness

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) Or PE Waiver (2 SEASONS ¹ for each activity)
HEALTH	.50 CREDIT (1 SEMESTER)
MANDATORY ELECTIVES	.50 SPEECH .50 FINANCIAL LITERACY (PERSONAL FINANCE or ECONOMICS) 1.0 CREDIT IN A VPA
ELECTIVES	3 CREDITS STUDENT CHOICE ANY ACADEMIC AREA EXCLUDING HEALTH and PE
STATE ASSESSMENTS	COMPLETE 67 END OF COURSE EXAMS: ALGEBRA 1, GEOMETRY, ENGLISH 9, ENGLISH 210, BIOLOGY, AMERICAN HISTORY, AMERICAN GOVERNMENT
CREDITS	GRADUATION = 20 CREDITS AND Earn 18 points on 7 State Tests OR Earn Remediation-free score on ACT or SAT OR Earn 13 points on WorkKeys Readiness Test

[Table of Contents](#)

DEMONSTRATING COMPETENCY

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

OR

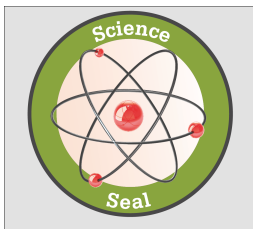
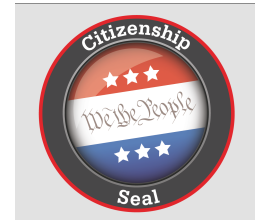
Use an alternative way to demonstrate competency through College Credit Plus, ACT or SAT, Career experience and Technical skill attainment, or military enlistment.

DEMONSTRATING READINESS

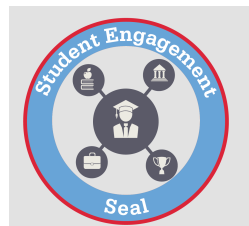
Earn two graduation seals, one of which must be state-defined. *Ohio law has defined 12 diploma seals for students to demonstrate academic and technical skills for college, careers, or the military. Ohio Revised Code sections 3313.618 and 3313.6114*

Specific information for earning each seal can be found in the [GJPS Graduation Seals Information](#) document.

STATE-DEFINED SEALS



LOCALLY-DEFINED SEALS



[Table of Contents](#)

ACADEMIC PROGRAMS | COLLEGE AND CAREER PLANNING

COLLEGE PREPARATORY PROGRAM

The state supported 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 state 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 Naviance Family Connections. Students can sign-up for these visits directly on the Naviance 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 are also invited to attend.

[Table of Contents](#)

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 approximately \$ 97.00 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 91-92 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 programs are designed for students with a variety of special needs. The Special Education Program concentrates on supporting students with learning difficulties. Students are required to have an Individualized Educational Plan (I.E.P.) on file. Please refer questions to the Case Manager.

INDIVIDUAL EDUCATION PROGRAMS (I.E.P.)

- Developmentally Handicapped (CD)
- Specific Learning Disability (SLD)
- Multi-Handicapped (MD)
- Emotional Disturbance (ED)
- Other Health Impairment (OHI)
- Orthopedic Impairment (OI)
- Hearing Impairment (HI)

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:

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

[Table of Contents](#)

EDUCATIONAL MENTORSHIP

Course Code 1004 & 1005 * Grades 11-12 * ¼ Credit per semester.

This program provides an opportunity for students to commit one period a day to an elementary classroom under the direction of the mentor-teacher. Candidates must complete an application. Educational mentorship requirements include:

- Strong interest in the teaching profession
- Ability to communicate well
- Ability to maintain a “professional” attitude and appearance
- Have and maintain a 2.75 GPA
- Have and maintain an excellent attendance record
- Teacher recommendation
- Complete assignments for Educational Mentorship as required

COLLEGE CREDIT PLUS POLICY

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 transcribed 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 parents will attend the informational meeting in February. Students must notify their 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** 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/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 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

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. Juniors are eligible if they have a job and their parent/guardian and employer sign off on the form.

CREDIT FLEXIBILITY

Opportunities are available for all students, grades 9-12. Credit Flexibility shifts the focus from "seat time" to performance. Students can earn units of high school credit based on individually approved credit flexibility plans. The intent of credit flexibility 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 High School Homepage linked [here](#).

[Table of Contents](#)

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 1, 2023**. 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 counselor.
- Schedules will not be changed without appropriate signatures on the change form.
- The schedule change has been entered into the computer.

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 day of a semester class and the end of the first quarter for a year class. The course will be replaced with a study hall. Students will not be permitted to drop the course class if their load would drop below the required class load for their grade level.

COURSE LEVEL TRANSFER REQUESTS

Students and parents requesting a course level change or a transfer from an honors or AP course to regular 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 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.

TRANSCRIPTS

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

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).

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 passed 75% of those subjects that carried the preceding grading period in which the student was enrolled. 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 .5 credit courses or the equivalent, which count toward graduation.

PE Courses, Mentorship, Flag Corps are only worth $\frac{1}{4}$ credits, so in order to count toward the five credits another $\frac{1}{4}$ 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.

EXCEPTION: Eligibility or ineligibility for the first grading period commences with the start of the fall sports season.

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 1.5 for the preceding 9 weeks. If a student athlete does not have a 1.5 GPA, he/she is ineligible for the entire 9 weeks. There are no waivers. If the GPA is between a 1.5 and a 1.99 GPA, the student athlete is required to attend a minimum of three study sessions per week in the PASS Room.

Failure to attend three sessions in any week will cause a student athlete to be ineligible for the following week (Monday-Sunday). A letter detailing when and where the study table sessions will be held will be given to those students who must attend the study tables.

VPA – VISUAL OR PERFORMING ARTS

Courses accepted as a VPA at colleges and universities include all 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 \$70.00 fee (subject to change)
- More detailed instructions are available in the School Counseling Office if needed.

[Table of Contents](#)

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

[Table of Contents](#)

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
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 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.

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 and oil based paints. The course will emphasize realism, composition and technical skills while also examining artists and artistic styles relevant to class painting assignments. The 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.

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.

CERAMICS I (VPA)

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

This entry level course introduces students to a variety of 3-Dimensional media such as clay, wire, wood, and other materials. Students will explore the hand-building and wheel thrown pottery techniques, and experiment with materials such as wire and wood to create sculptures 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 material, caution is advised. This class is not ideal for long nails or acrylics.

[Course Descriptions](#)

CERAMICS II (VPA)

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

This course further develops the skills learned in Ceramics and Sculpture I. Emphasis will be placed on taking risks and developing the student's artistic voice. More advanced techniques in clay and other media 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 AND SCULPTURE II

This course is for serious art students who enjoy ceramics and sculpture. 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!

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.

[Course Descriptions](#)

BUSINESS

CODE	COURSE	GRADE	CREDITS
5000	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	11-12	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.

CAREER CONNECTIONS

COURSE CODE (5000) • CREDIT ½ (E) • GRADE 9 –12

Career Connections is designed for 9th grade 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 frame-work 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 provides 21st Century work-force skills.

BUSINESS FOUNDATIONS

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

Students will 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 and communications and personal financial literacy will be addressed.

[Course Descriptions](#)

FINANCIAL ACCOUNTING

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

Students will 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.

SPORTS & ENTERTAINMENT MARKETING

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

This course helps students develop a thorough understanding of fundamental marketing concepts and theories as they relate 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/E) • GRADES 11 – 12

This course satisfies the state's requirements for Financial Literacy. The objective of this course is to prepare students to successfully manage money based on their goals and desires. This course will increase a student's awareness of financial matters. Students will learn basic money management strategies including budgeting and properly handling credit. Students will be introduced to all types of investments classification that are necessary to achieve a balanced portfolio. This class is real world oriented and students will complete several projects including a reality-based budget project and stock market simulation. This course will help prepare students for the financial decisions they will face during and after high school.

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 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. This is a non-paid opportunity.

ENTREPRENEURSHIP

COURSE CODE (4500) • CREDIT ½(E) • GRADES 11 – 12

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

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) in a blended format. As outlined on CCWA's website, linked [here](#), 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.

Year 1 specifically focuses on building students' awareness of several global components. Students at this level participate in four in-school field trips in which they 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 four in-school field trips to 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.

[Course Descriptions](#)

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.

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](#)

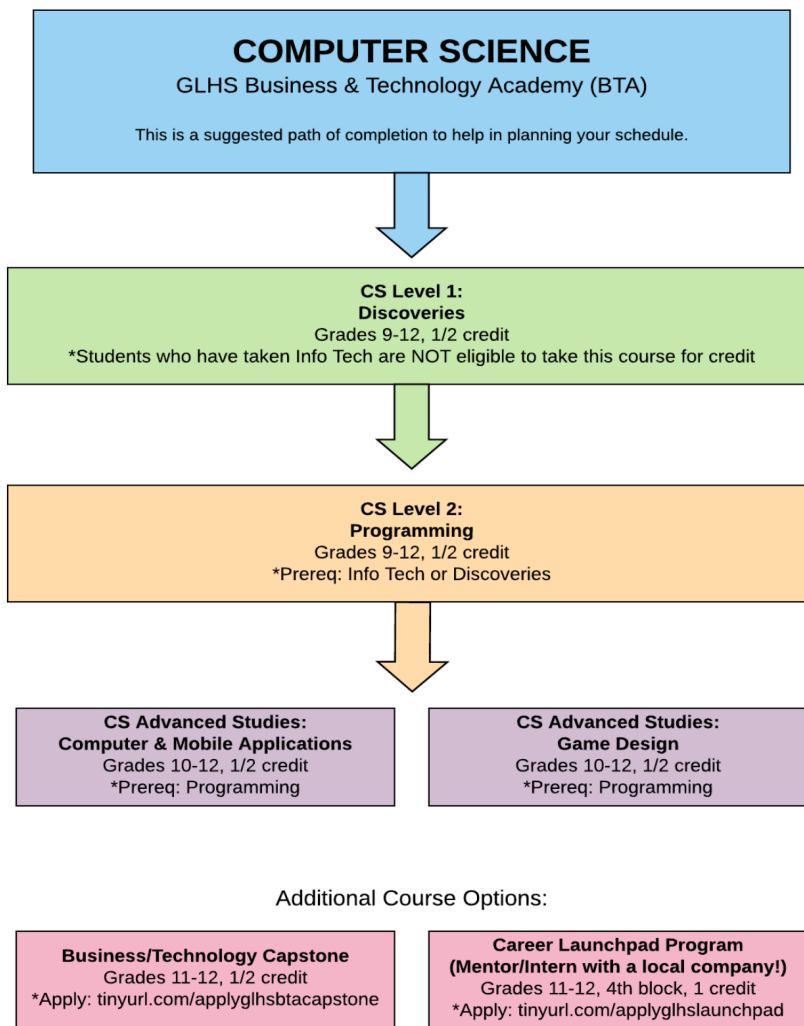
COMPUTER SCIENCE

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

Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving and fun. Students will gain introductory knowledge in problem solving, web development, animation & games, the design process, data & society, and physical computing.

CS LEVEL 2: PROGRAMMING

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

Programming teaches the basics of programming computers using Java. The course covers many programming topics as well as problem solving strategies needed to program. This is not an AP course, but it is difficult in nature requiring good logical thinking skills and daily work as the course builds.

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 a variety of commercial and open source software. 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. This is NOT a weighted course when calculating a student's GPA.

CS ADVANCED STUDIES: GAME DESIGN

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

This course will prepare 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.

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. This is a non-paid opportunity.

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	10-11	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 10-11 • 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.

[Course Descriptions](#)

DIGITAL ELECTRONICS

COURSE CODE (5450) • CREDIT 1(E) • GRADES 11-12 •

PREREQUISITE: INTRO TO ENGINEERING AND 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.

ENGINEERING DESIGN & DEVELOPMENT

COURSE CODE (3505) • CREDIT 1(E) • GRADES 12 • PREREQUISITE: INTRO TO ENGINEERING, PRINCIPLES OF ENGINEERING AND 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. This 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

ENGLISH/LANGUAGE ARTS

CODE	COURSE	GRADE	CREDIT
1015	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/LITERATURE & COMP.	10	1
1110	ENGLISH 11	11	1
1109	AFRICAN AMERICAN VOICE	12	1
1106	HONORS ENGLISH 11	11	1
1130	SENIOR LIT & COMP	12	1
1133	WORLD LIT & COMP	12	1
1135	ADVANCED WORLD LIT & COMP	12	1
1340	AP ENGLISH LANGUAGE & COMP	12	1
1343	AP LITERATURE & COMP	12	1
10021DC	COLLEGE CREDIT PLUS ENGLISH COMPOSITION I	12	1
10022DC	COLLEGE CREDIT PLUS ENGLISH COMPOSITION II	12	1
1318	SCIENTIFIC LITERATURE & COMPOSITION	12	1
1335	EL WORKSHOP	9-12	½
1339	EL BEGINNER ENGLISH 9	9-12	1
<i><u>THEATRE/LANGUAGE ARTS/BROADCAST JOURNALISM</u></i>			
1380	TECHNICAL THEATER	9-12	1
1350	THEATRE INTRODUCTION	10-12	½
1360	THEATRE APPRECIATION	11-12	1
1370	MUSICAL THEATRE	10-12	½
1375	PERFORMANCE STUDIO	11-12	1
1390	COMPETITIVE SPEECH AND DEBATE	10-12	½
1405	ADVANCED COMPETITIVE SPEECH & DEBATE	11-12	½
1420	YEARBOOK	11-12	1
1461	INTRODUCTION TO BROADCAST JOURNALISM	9-12	½
1462	BROADCAST JOURNALISM 2	10-12	2
1463	ADVANCED BROADCAST JOURNALISM 3	11-12	1
1464	MULTI-MEDIA PRODUCTION	11-12	½
1465	SPORTS BROADCASTING	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: STUDENTS MUST COMPLETE THE APPLICATION PROCESS AT THEIR MIDDLE SCHOOL AND BE ACCEPTED INTO THE CLASS.

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 • PREREQUISITE: APPLICATION REQUIRED

This course satisfies the district requirement of Speech and provides the foundation for more advanced level critical thinking and speaking skills with concentration in rhetorical arts. Students will learn expansive research skills focusing on synthesis and analysis across content areas. Incorporation of basic speech targets will be expected with additional rigor and focus on those targets pertaining specifically to persuasive strategies in research, organization, and delivery. In addition to fulfilling the Speech requirement for graduation, this course provides a pathway to competitive Speech and Debate by introducing students to various forms of debate such as Lincoln Douglas, Public Forum, and Student Congressional Debate.

[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/LITERATURE AND COMPOSITION

COURSE CODE (1075) • CREDIT 1 (E/R) • GRADE 10 • PREREQUISITE: ENGLISH 9 OR HON ENG 9 WITH A GRADE OF "B" OR HIGHER, PERMISSION OF THE INSTRUCTOR

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, PERMISSION OF THE INSTRUCTOR

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](#)

AFRICAN-AMERICAN VOICE

COURSE CODE (1109) • CREDIT 1 (E/R) • GRADE 12 • PREREQUISITE: ENGLISH 11

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 within the majority culture through a variety of exciting and encouraging literature. Students will be encouraged to look at the literature from a socio-historical context. The course-work is organized by movements, periods, and themes which are historically and chronologically based. Students will read, discuss, and analyze essays, short stories, poems, plays, speeches, and novels, as well as write compositions in response to literature.

SENIOR LITERATURE AND COMPOSITION

COURSE CODE (1130) • CREDIT 1 (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11

This course is offered to students who have demonstrated a need for enhanced language arts skills based on ability, performance and initiative as well as teacher recommendation. This course emphasizes improving and developing language arts skills and reading fluency through project -based learning, including but not limited to, reading and analyzing a wide variety of high interest texts by contemporary authors, writing in a variety of modes, and developing listening, speaking, research and collaborative skills.

WORLD LITERATURE AND COMPOSITION

COURSE CODE (1133) • CREDIT 1 (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11

This course is offered to students who have demonstrated a need for language arts skills based on ability, performance and initiative as well as teacher recommendation. World Literature and Composition focuses on looking at literature through various literary theories and criticisms. This course emphasizes improving and developing language art skills and reading fluency, including but not limited to, reading and analyzing a wide variety of texts from world authors, writing in a variety of modes, and developing listening, speaking, research and collaborative skills.

ADVANCED WORLD LITERATURE AND COMPOSITION

COURSE CODE (1135) • CREDIT 1 (E/R) • PREREQUISITE: ENGLISH 9, ENGLISH 10, ENGLISH 11 OR HONORS EQUIVALENT

This course is offered to students who have demonstrated a need for a college-level reading and writing course based on ability, performance and initiative as well as teacher recommendation. Mirroring a college-level literature and writing course, this course emphasizes improving reading fluency, including but not limited to, reading and analyzing a wide variety of texts, writing in a variety of modes, and developing listening, speaking, research, and collaborative skills while utilizing college-level texts. This is NOT a weighted course when calculating a student's GPA.

[Course Descriptions](#)

AP ENGLISH LANGUAGE AND COMPOSITION

COURSE CODE (1340) • CREDIT 1 (E/R) • GRADE 12 • FEE: \$97 • PREREQUISITE: COMPLETION OF AT LEAST ONE HIGH SCHOOL HONORS ENG-LISH COURSE AND ENG 11 WITH A GRADE OF “B” OR HIGHER IN EACH. OR COMPLETION OF ENGLISH 11 WITH A “B” OR HIGHER AND A WRITTEN RECOMMENDATION FROM CURRENT OR PAST HIGH SCHOOL ENGLISH TEACHER.

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 enrolling in AP courses are required to take the AP Exam.)

AP LITERATURE AND COMPOSITION

COURSE CODE (1343) • CREDIT 1 (E/R) • GRADE 12 • FEE: \$97 • PREREQUISITE: HONORS ENGLISH 11 WITH A GRADE OF “B” OR HIGHER OR PERMISSION OF THE AP INSTRUCTOR

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. (Students enrolling in AP courses are required to take the A.P. exam.) Summer reading is required. Students must have completed Honors English 11 with a B or higher or have approval from the AP instructor.

COLLEGE CREDIT PLUS ENGLISH COMPOSITION I

COURSE CODE (10021DC) • CREDIT 1 (R/E) • GRADE 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 12 • PREREQUISITE: ENGL 1100 WITH A “C” or BETTER

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.

[Course Descriptions](#)

SCIENTIFIC LITERATURE & COMPOSITION

COURSE CODE (1318) • CREDIT 1 • GRADE 11-2 • PREREQUISITE: ENGLISH 11 OR PERMISSION OF INSTRUCTOR. THIS CLASS MUST BE TAKEN SIMULTANEOUSLY WITH HONORS SPECIAL ASPECTS and HONORS BIONICS or BIO-SCIENCE, TEACHING PROFESSIONS or APPLIED MATHEMATICAL MODELING.

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 completes the 12th grade English requirement.

EL WORKSHOP

COURSE CODE (1335) • CREDIT ½ • GRADES 9-12

This course has evolved to serve as a support to help EL students accelerate language growth, and also to help ease transition into both our culture and school environment. Placement is determined by students' ELP screener or OELPA language scores, as well as by teacher recommendation and/or student request. Students are not required to take this course; it is set in place simply to help students to achieve as much success as possible. In EL Workshop, we will incorporate combined practice that revolve around the four language domains: Reading, Writing, Listening and Speaking.

EL BEGINNER ENGLISH

COURSE CODE (1335) • CREDIT ½ • GRADES 9-12

This course has evolved to serve as a support to help EL students accelerate language growth, and also to help ease transition into both our culture and school environment. Placement is determined by students' ELP screener or OELPA language scores, as well as by teacher recommendation and/or student request. Students are not required to take this course; it is set in place simply to help students to achieve as much success as possible. In EL Workshop, we will incorporate combined practice that revolves around the four language domains: Reading, Writing, Listening and Speaking.

[Course Descriptions](#)

THEATRE/LANGUAGE ARTS

TECHNICAL THEATER (VPA)

COURSE CODE (1380) • CREDIT 1 (E) • GRADES 9-12 • PREREQUISITE: APPLICATION, APPROVAL OF COURSE DIRECTOR

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 theatre. 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 theatre as a performing art. This course introduces students to the theatre, 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](#)

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 theatre 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 theatre, 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 theatre. 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. Macioce in room H187.

This advanced course is designed to develop further students' performance potential and appreciation of quality theatre. Students will study acting techniques and the unique skills involved in writing, producing, and trooping children's theatre, in addition to performing extensively in scenes from classic and contemporary plays. A dinner theatre 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.

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: \$25.00 • PREREQUISITE: SPEECH AND PERMISSION OF THE INSTRUCTOR (APPLICATION REQUIRED)

The purpose of this course is to provide students with a broad experience in the area of public performance. Following a review of basic speaking principles and fundamentals, students will encounter a variety of areas in communication such as various forms of debate (Lincoln-Douglas, Public Forum, Student Congress), oral interpretation of literature (Dramatic, Humorous, and Duo), and forms of public address (limited preparation and manuscripted). By enrolling in this class, students are rostered members of the Speech and Debate competitive team and are required to compete in **three** events across **five** tournaments before the end of the semester in December. The team will continue to compete in January and February (extracurricular) and the top performing students may qualify to the State Tournament in March and/or National Finals in June. Tournaments are held on Saturdays, and some are overnight, two-day tournaments that will begin on Friday evenings. There is a fundraising requirement for travel. This is a performance and academic course. If students wish to enroll in this class, they will need the recommendation of a language arts or history teacher, to complete an audition process with the current director, and an application form submitted by the established deadline.

ADVANCED COMPETITIVE SPEECH AND DEBATE (E)

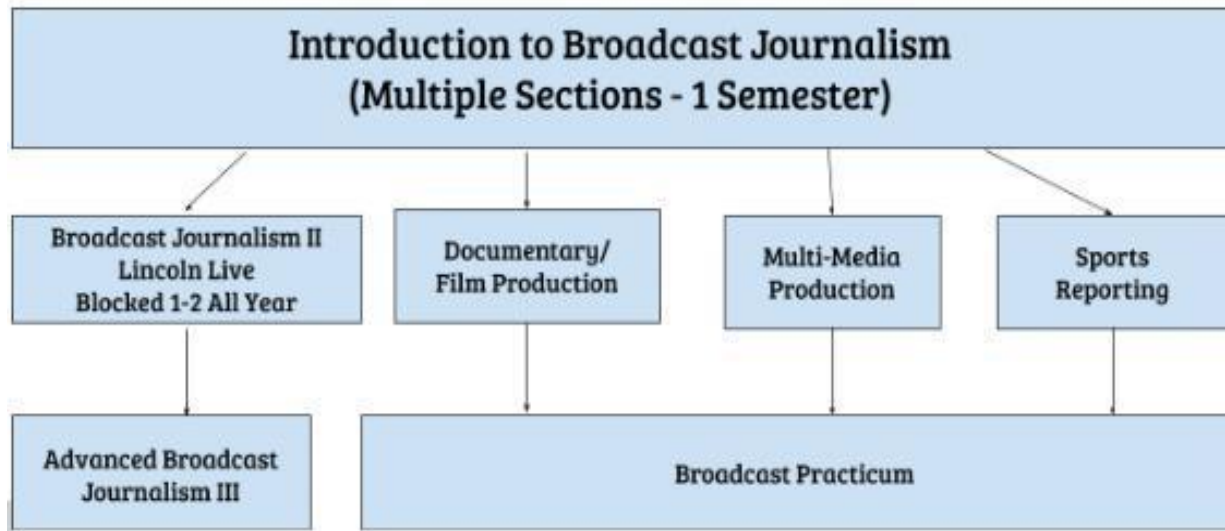
COURSE CODE (1405) • CREDIT ½ (E) • GRADES 11 – 12 • PREREQUISITE: COMPETITIVE SPEECH AND DEBATE AND PERMISSION OF THE INSTRUCTOR (APPLICATION REQUIRED).

This is the second of two courses available for students interested in continuing participation in competitive Speech and Debate. In this course, the students will receive advanced level instruction in debate and additional contest speaking events, communication and argumentation theories and strategies, and rhetorical strategies used for effective public speaking. Students will encounter more advanced areas of communication such as various forms of debate (Lincoln-Douglas, Public Forum, Student Congress), oral interpretation of literature, and forms of public address (limited preparation and manuscripted). Students enrolled in this course are also required to serve as mentors, category leaders, and officers of the team. By enrolling in this class, students are rostered members of the Speech and Debate competitive team and are required to participate in workshops, practices, and tournaments outside of the structured school day. The team will continue to compete beyond the completion of the semester in January and February (extracurricular). The top performing students may qualify to the State Tournament in March and/or National Finals in June. Tournaments are held on Saturdays, and some are multi-day tournaments that will begin on Friday evenings. There is a fundraising requirement/financial obligation to support travel beyond Central Ohio.

This is NOT a weighted course when calculating a student's GPA.

[Course Descriptions](#)

BROADCAST JOURNALISM/VIDEO PRODUCTION



INTRODUCTION TO BROADCAST JOURNALISM

COURSE CODE (1461) • 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: INTRODUCTION TO BROADCAST, 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 1 (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: INTRODUCTION TO BROADCAST

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 9 - 12 • PREREQUISITE: INTRODUCTION TO BROADCAST

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.

FILM AND DOCUMENTARY PRODUCTION

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

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: INTRODUCTION TO BROADCAST

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
5715	CHILD DEVELOPMENT	11-12	½
00826/00827	TEACHING PROFESSIONS	11-12	4
1004/1005	EDUCATIONAL MENTORSHIP	11-12	¼

EXPERIENCES WITH FOODS I

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

Experience the world of food by preparing a variety of foods. Focus on foods you enjoy eating that can be nutritious and exciting. Learn to be creative using different food preparation techniques and equipment. Participate in hands-on application labs.

EXPERIENCES WITH FOODS II

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

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

CHILD DEVELOPMENT

COURSE CODE (5715) • CREDIT ½ (E) • GRADES 11 - 12

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensor and motor skills. Additional topic will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

[Course Descriptions](#)

TEACHING PROFESSIONS

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

EDUCATIONAL MENTORSHIP

COURSE CODE (1004/1005) • CREDIT ¼ PER SEMESTER (E) • GRADE 11-12 • APPLICATION REQUIRED

This program provides an opportunity for students to commit one period a day to an elementary classroom under the direction of the mentor -teacher. Candidates must complete an application. Educational mentorship requirements include:

- Strong interest in the teaching profession
- Ability to communicate well
- Ability to maintain a "professional" attitude and appearance
- Have and maintain a 2.75 GPA
- Have and maintain an excellent attendance record
- Teacher recommendation
- Complete assignments for Educational Mentorship as required

[Course Descriptions](#)

WORLD LANGUAGES

CODE	COURSE	GRADE	CREDIT
1334	EL LANGUAGE & CULTURE	9-12	1
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

[Course Descriptions](#)

EL LANGUAGE & CULTURE

COURSE CODE (1334) • CREDIT 1 (E) • GRADES 9 - 12

This course is intended for Emergent English Language students for their first or second year in the United States. Students will learn basic English vocabulary related to school, home, and talking about yourself. The course will align with the Inside USA units and students will study Fry's sight words beginning on list 1.

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.

AP FRENCH LANGUAGE and CULTURE V

COURSE CODE (1580) • CREDIT 1 (E) • GRADE 12 • FEE: \$128 (TEST PLUS WORKBOOK) • PREREQUISITE: FRENCH IV WITH A GRADE OF “C OR HIGHER, OR PERMISSION 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 A.P. 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 enrolling in AP courses are required to take the A.P. 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 HIGHER, 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 HIGHER, 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.

[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. STUDENTS MUST COMPLETE THE APPLICATION PROCESS AT THEIR MIDDLE SCHOOL OR AT THE HIGH SCHOOL AND BE ACCEPTED INTO THE CLASS

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, PERMISSION FROM THE IN-STRUCTOR

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, PERMISSION FROM THE 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: \$97 • PREREQUISITE: SPANISH IV WITH A GRADE OF “C” OR HIGHER, OR PERMISSION OF THE IN-STRUCTOR

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.

MANDARIN CHINESE I

COURSE CODE (1900) • CREDIT 1 (E) • GRADES 9 - 12 • FEE: \$24

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 • FEE: \$24 OR KEEP WORKBOOK FROM CHINESE I • 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 • FEE: \$24

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 • FEE: \$24 • 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 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. 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 • FEE: \$0

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: \$115 (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 enrolling in Advanced Placement courses are required to take the A.P. exam.)

[Course Descriptions](#)

MATHEMATICS

CODE	COURSE	GRADE	CREDIT
3690	EL MATH PREP SKILLS	9-12	1
3720	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
3789	APPLIED MATHEMATICAL MODELING	11-12	1
3855	AP CALCULUS AB	11-12	1
3860	AP CALCULUS BC	11-12	1
3865	AP STATISTICS	10-12	1

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](#)

ELL MATH PREP SKILLS

COURSE CODE (3690) • 1 CREDIT • GRADES 9-12

This course is intended for EL students with OELPA or Las Links Level 1-3 (Emergent-Intermediate) needing language support who are not yet ready for Algebra I or need to retest EOC Assessments. This course will focus on Pre-algebra skills such as: adding/subtracting negative integers, multiplying/dividing negative integers, decimals, fractions, word problems, graphing, order of operations, use of a calculator, one step equations, multi-step equations, factoring, square roots, and exponents.

ALGEBRA I

COURSE CODE (3720) • CREDIT 1 (R) • GRADE 9 • PREREQUISITE: PRE-ALGEBRA WITH A GRADE OF “C” OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

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 required students use a TI-84 Plus or TI-83 Plus calculator.

GEOMETRY

COURSE CODE (3750) • CREDIT 1 (R) • GRADE 9 – 10 • PREREQUISITE: ALGEBRA I WITH A GRADE OF “C” OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

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.

HONORS GEOMETRY

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

The Honors Geometry course covers the topics of the regular Geometry course including the selection of several extension problems. These extensions enhance the lesson objectives on a more rigorous level and require the application of previous material. 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 WITH A GRADE OF “C” OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

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: GEOMETRY WITH A GRADE OF “B” OR HIGHER AND 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 AND THE PERMISSION OF STUDENT’S CURRENT MATH INSTRUCTOR.

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.

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 PERMISSION OF THE INSTRUCTOR.

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 AND 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.

COLLEGE PREP MATH

COURSE CODE (3870) • CREDIT 1 (E/R) • GRADES 11-12 PREREQUISITE: RECOMMENDATION OF INSTRUCTOR, 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.

[Course Descriptions](#)

DIFFERENTIAL CALCULUS

COURSE CODE (3796) • CREDIT 1 (E) • GRADES 12 • PREREQUISITE: PRECALCULUS WITH A GRADE OF "C" OR HIGHER, AND THE PERMISSION OF THE INSTRUCTOR

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; therefore, 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: \$97 PREREQUISITE: PRE-CALCULUS WITH A GRADE OF "B" OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

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.

AP CALCULUS BC

COURSE CODE (3860) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: \$97 PREREQUISITE: AP CALCULUS AB WITH A GRADE OF "B" OR HIGHER, OR HONORS PRE-CALCULUS WITH PERMISSION OF THE INSTRUCTOR.

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.

[Course Descriptions](#)

AP STATISTICS

COURSE CODE (3865) • CREDIT 1 (E) • GRADES 10 – 12 • PREREQUISITE: ALGEBRA 2 WITH A GRADE OF “B” OR HIGHER • FEE: \$97

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. Students 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 hypothesis.

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.

APPLIED MATHEMATICAL MODELING

COURSE CODE (3789) • CREDIT 1 (E) • GRADES 11– 12 • PREREQUISITE: ALGEBRA II WITH A GRADE OF “B” OR HIGHER, TEACHER RECOMMENDATION

This course is for students interested in a career in Applied Mathematics/Sciences, Engineering fields. Its intent is to develop a deeper understanding of mathematical relationships. Students will learn how to collect and organize data into useful information, create and interpret mathematical representations and models, make efficient and appropriate use of technology to solve problems, build techniques of reasoning for effective problem solving, increase knowledge of mathematics through exploration, and use a high-end applied mathematics software. Mathematical topics visited are: linear, quadratic and variation function models; exponential and logarithmic function models; geometric models; graphical and statistical models; probability models; and financial models. Students will be required to complete a capstone event during the spring quarter. A graphing calculator (i.e. TI-84 Plus) is required for the course.

[Course Descriptions](#)

MUSIC

CODE	COURSE	GRADE	CREDIT
6540	JAZZ MUSIC I: HISTORY, THEORY, PRACTICE	10-12	½
6545	JAZZ MUSIC II: HISTORY, THEORY, PRACTICE	10-12	½
6560	HONORS HARMONY AND THEORY	11-12	1
6567	AMERICA'S MUSIC	9-12	½
6568	WORLD MUSIC: A GLOBAL JOURNEY	9-12	½
6535	MUSIC TECHNOLOGY I	9-12	½
6536	MUSIC TECHNOLOGY II	9-12	½
<i>Vocal Music</i>			
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
<i>Instrumental Music</i>			
6710	FRESHMAN BAND	9	1
6711	JAZZ BAND	9-12	½
6740	MARCHING/CONCERT BAND	10-12	1
6771	FRESHMAN ORCHESTRA	9	1
6770	SYMPHONY ORCHESTRA	10-12	1
6772	CHAMBER ORCHESTRA	10-12	1
6880	COLOR GUARD	9-12	1/4

JAZZ MUSIC I: HISTORY, THEORY, PRACTICE

COURSE CODE (6540) • CREDIT ½ (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. In addition to listening to analyzing various styles and musicians, the student will practice the art of improvisation. A study of chord progressions and structure will enable students to develop their improvisational skills. Assessment will be both written and performance-based.

[Course Descriptions](#)

JAZZ MUSIC II: HISTORY, THEORY, PRACTICE

COURSE CODE (6545) • CREDIT ½ (E) • GRADE 10 – 12 • PREREQUISITE: ¾ YEAR IN A LINCOLN HIGH SCHOOL JAZZ BAND, SUCCESSFUL COMPLETION OF JAZZ MUSIC I.

This course is intended to explore the history and development of jazz music from the Bebop era to the present day. In addition to listening to and 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.

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.

AMERICA'S MUSIC (VPA)

COURSE CODE (6567) • CREDIT ½ (E) • GRADES 9 - 12

Students will be given an introduction to the rich musical heritage of America. Topics include: (1) Colonization through the Civil War, (2) Civil War through World War 1, (3) World War 1 through World War 2, and (4) Music since World War 2.

WORLD MUSIC: A GLOBAL JOURNEY (VPA)

COURSE CODE (6568) • CREDIT ½ (E) • GRADES 9 – 12

Students will explore the soundscapes of cultures around the world. This unique course will provide individuals with a greater understanding of how others live and interact (musically and socially) on each continent.

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. This course is only available to upperclassmen. Only freshmen with two years of experience in Band, Choir or Orchestra may take this class.

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: \$25.00 • GRADE 9 • PREREQUISITE: NO AUDITION

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. This choir will participate 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: \$25.00 • GRADES 10 - 12 • PREREQUISITE: AUDITION REQUIRED
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: \$25.00 •

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: \$25.00 • 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: \$25.00 • 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 1 (E) • GRADES 10 - 12 • FEE: \$25.00 • 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 performs 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, formal 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 9 - 12 • FEE: \$25.00 • 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. Color Guard regularly practices after school three days per week throughout the fall quarter, with additional practices through November.

PHYSICAL EDUCATION AND HEALTH

CODE	COURSE	GRADE	CREDIT
<i>(CHOOSE ANY TWO OF THE FOLLOWING IN ADDITION TO HEALTH)</i>			
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 or cheerleading 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 REQUIREMENT FOR PE:

LIFETIME SPORTS AND ACTIVITIES

COURSE CODE (7150) • CREDIT 1/4 (R) • GRADES 9-12

The objective of this course is the physical development of a strong and healthy body through a combination of lifetime sports and physical fitness activities. The students will work on specific skills that will enable them to successfully participate in a variety of activities. In addition, the students will be involved in a wide range of fitness activities designed to improve each student's fitness level. Minimal fees are required to cover field trips and students are expected to take part in these activities.

LIFETIME FITNESS

COURSE CODE (7155) • CREDIT 1/4 (R) • GRADES 9-12

This course is designed for individuals interested in the fundamental components and principles of lifetime physical fitness and other health-related factors. Emphasis is placed on fitness and well-ness through the study of exercise, assessments, human body, management skills, nutrition, and consumer facts on exercise and fitness. Students will learn strategies for planning a personal lifelong fitness program based on your individual needs, abilities and interests. This course will meet two times a week in a classroom and three times for activities in the gym.

COMPETITIVE SPORTS

COURSE CODE (7251) • CREDIT 1/4 (R) • GRADES 9-12

This high energy course is designed to provide students with the opportunity to pursue advanced techniques and skills in physical education 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** teen issues? Do you want to learn skills to help you not just survive, but thrive during adolescence? 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 and practical semester course in which students will learn essential health concepts and practice essential skills necessary to adopt, practice and maintain health-enhancing behaviors. Topics covered include Mental Health and Wellness, Alcohol, Tobacco and other drugs, Diseases, Human Sexuality and Healthy Relationships, and Nutrition and Fitness.

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
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
3475	HONORS PHYSICS	11-12	1
3455	AP PHYSICS 1	11-12	1
00824/00825	BIOSCIENCE TECHNOLOGIES I/II	11-12	4

GRADUATION REQUIREMENT: 3 SCIENCE CREDITS, WITH AT LEAST 1 CREDIT OF BIOLOGICAL AND 1 CREDIT OF PHYSICAL SCIENCE

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. Topics will include 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: • BIOLOGICAL**COURSE CODE (3145) • CREDIT 1 (E) GRADE 9-12**

Biology surveys major concepts essential to understanding how living things 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) • BIOLOGICAL**COURSE CODE (3150) • CREDIT 1 (E) • GRADES 11-12 • FEE: \$97 • PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A GRADE OF "B" OR HIGHER.**

This is the equivalent of a college introductory laboratory course. Topics include molecules, cells, DNA, metabolism, evolution, and interdependence. Lab work is completed to deepen understanding and to practice logic/reasoning skills. Students enrolling in AP courses are required to take the AP exam.

ENVIRONMENTAL SCIENCE (LAB) • BIOLOGICAL •**COURSE CODE (3175) • CREDIT 1 (E) • GRADES 10–12 PREREQUISITE: ONE SCIENCE CREDIT.**

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 will satisfy the graduation requirement for an advanced science credit.

AP ENVIRONMENTAL SCIENCE (LAB) • LIFE**COURSE CODE (3230) • CREDIT 1 (E) • GRADES 10-12 • Fee: \$97 • PREREQUISITE: BIOLOGY WITH A GRADE OF "B" OR HIGHER.**

This is the equivalent of a college introductory laboratory course in environmental science. Topics of study include ecosystems, energy resources and consumption, pollution, population, land and water uses, and global change. Students will complete a major study of ecological science as part of the course requirements. Students taking AP courses are required to take the AP exam.

[Course Descriptions](#)

CHEMISTRY (LAB) • PHYSICAL

COURSE CODE (3360) • CREDIT 1 (E) • GRADES 10 – 12 • PREREQUISITE: PHYSICAL SCIENCE OR BIOLOGY – STRONGLY RECOMMEND COMPLETION OF ALGEBRA 2 OR TAKING ALGEBRA 2 CONCURRENT WITH CHEMISTRY • FEE: \$15 (lab notebook)

Chemistry I is a course in which students study scientific laws and principles using laboratory work, mathematics, and lectures. It is designed to provide the chemistry background needed for those students planning to enter fields such as medicine, nursing, engineering, or other science-related fields. Topics of investigation include atomic theory, chemical reactions, chemical bonding, stoichiometry, acids and bases, and students benefit from the lab skills derived from this course. This course will satisfy the graduation requirement for an advanced science credit.

AP CHEMISTRY (LAB) - PHYSICAL

COURSE CODE (3450) • CREDIT 1 (E) • GRADES 11-12 • FEE: \$110 PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A GRADE OF “B” OR HIGHER

This is the equivalent of a college introductory laboratory course in chemistry. Topics include atomic structure, molecular and empirical formulas, stoichiometry, gas laws, electrochemistry, equilibrium and acid/base reactions, kinetics, thermo-dynamics, and oxidation/reduction reactions. Students taking AP courses are required to take the AP exam.

COLLEGE CREDIT PLUS ELEMENTARY CHEMISTRY

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

This course provides high school Science elective credit AND three 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, stoichiometry, solutions, acids and bases, pH and buffers, the gas laws, chemical equilibrium, and nuclear chemistry. Safety training and goggles are required for laboratory sessions.

ANATOMY AND PHYSIOLOGY (LAB) — LIFE

COURSE CODE (3300) • CREDIT 1 (E) • GRADE 10-12 • PREREQUISITE: BIOLOGY WITH A GRADE OF “B”

This is a yearlong course. Topics include detailed studies of the “systems” of the human body such as the nervous, skeletal, digestive, circulatory, respiratory, and endocrine systems. Extensive dissection is required. The course is designed for students planning on pursuing a medical career or majoring in biology in college. Extensive use of sensing devices and probe ware is included, and students will use microscopes to further their understanding of material. An additional highlight is the viewing of a live video feed of a surgery.

[Course Descriptions](#)

DB MICROBIOLOGY (LAB)— LIFE• (SCIENCE ACADEMY)

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 will include taxonomy, parasitology, aerobic and anaerobic immunology, and a survey of several microbes important to society. A detailed unit on cloning and transmutation and the scientific ethics involved in this new field will also be covered. This course is specifically designed for students who plan on majoring in a medical or health-related field. Highlights of this course may include a forensics unit, as well as recombinant DNA experimentation and genetic engineering work. *This class is open only to Science Academy students, and should be scheduled in conjunction with a Double Block Chemistry class if possible.*

For additional science courses, please see Science Academy courses on pages 73-76.

PHYSICS (LAB) • PHYSICAL

COURSE CODE (3460) • CREDIT 1 (E) • GRADES 11-12 • PREREQUISITE: TWO SCIENCE CREDITS OR PERMISSION OF THE INSTRUCTOR.

This survey course is designed for college-bound students who do not plan to major in Science or Engineering. The course focuses on lab work and concepts that require less mathematics than Honors Physics. The student will investigate theories concerning motion, work, energy, sound, time, and electricity.

HONORS PHYSICS (LAB) • PHYSICAL

COURSE CODE (3475) • CREDIT 1 (E) • GRADES 11 – 12 • PREREQUISITE: TWO SCIENCE CREDITS & CONCURRENT ENROLLMENT IN PRE-CALCULUS OR HIGHER MATH COURSE

Physics is the study of the relationships between matter and energy. Students will study motion, force, work, power, heat, sound, light, electricity, magnetism, and nuclear physics. Emphasis is placed on problem solving, higher level thinking, and laboratory investigation and analysis. This course is recommended if the student is interested in pursuing a career in the sciences or in engineering. Extra projects or summer work will be required. A graphing calculator (TI-83+, TI-84+, Silver Editions, or a TI-85) is recommended

[Course Descriptions](#)

AP PHYSICS 1 (LAB) • PHYSICAL

COURSE CODE (3455) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: \$97 • PREREQUISITE: GRADE OF “B” OR HIGH-ER IN PREVIOUS SCIENCE COURSE & CONCURRENT ENROLLMENT IN PRE-CALCULUS OR HIGHER MATH COURSE

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, New-ton’s laws of motion and force, work, energy and power, momentum, circular motion and gravitation, torque and rotational motion, mechanical waves, sound, and an introduction to electric charge, electric force and DC circuits. 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.

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 ACADEMY TRACK

CODE	COURSE	GRADE	CREDIT
3103	INTRO TO ROBOTICS SCIENCE	9-12	1
3104	ADVANCED ROBOTICS SCIENCE	10-12	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 is a special subset of the general Science courses that are geared towards students interested in pursuing science majors and careers outside of high school. ***There are no special requirements or applications needed to join the Science Academy, all you have to do is take some of our classes!***

Are you interested in engineering, robotics, programming, bio-technology, research, medicine, astronomy, building things, hands-on-learning, technology, a STEM honors diploma, attending a top tier university, pursuing a science degree? Then learn more about the Science Academy!

*The following tracks are purely recommendations to aid students in planning and scheduling classes that they would like to take in high school. Students that follow these recommended tracks will be well prepared for their related courses at the college level. If you have any questions, feel free to email Mrs. Baker at BakerJ@gjps.org or Mr. Lewis at LewisT@gjps.org.

Engineering Track

Take all of these:

- Space Technology
- Underwater Robotics

And at least two of the following:

- Special Aspects/Honors Bionics (*counts as two*)

[Course Descriptions](#)

Robotics and Programming Track

Take all of these:

- Intro to Robotics
- Advanced Robotics
- Space Technology
- Underwater Robotics
- Intro to Robotics
- Advanced Robotics
- Fab Lab

Optional

- Honors Special Aspects/Honors Bionics

Medical and Bio-Technology Track

Take all of these:

- AP Biology
- Anatomy & Physiology

And at least one of the following:

- Honors Special Aspects/Honors Bionics
- Eastland Fairfield Bioscience Technologies

INTRO TO ROBOTICS SCIENCE (LAB) -- PHYSICAL

COURSE CODE (3103) • CREDIT 1 (E) • GRADES 9-12 • PREREQUISITE: NONE

Intro to Robotics Science is a STEM -based (Science, Technology, Engineering, and Math) course that focuses on the study of physical and earth sciences by using a hands-on, interactive approach. There will be an emphasis on time management, independent work skills, engineering principles and robotics in this course. Topics covered include basic robotics, physics (motion laws and aerodynamic design), energy conversions and 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 cars, and mousetrap racers. The emphasis of this course is to introduce students to programming and varied science content. By the end of this course, students will have a basic understanding of programming, sensor evaluation, and some knowledge of basic engineering principles.

[Course Descriptions](#)

ADVANCED ROBOTICS SCIENCE (LAB) -- PHYSICAL

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

Advanced Robotics is a STEM-based class that is a continuation of the principles learned in Intro to Robotics Science. This course covers applications associated with advanced robotics (SUMO -Bot) and sensor control. Students will use microprocessors to log data, interact with their environment, and simulate realistic situations. Using physical and earth sciences as a foundation, topics such as thermodynamics, projectile and satellite motion, flight, and nuclear energy may be studied. All students will program a Sumo-Bot and participate in a Sumo Competition. Students will also learn Propeller-C (a form of C/C++, which is an advanced computer programming language) by using an Activity-Bot. Student choice projects may include game programming, using a Scribbler robot, testing a Stingray robot, or exploring data collection with projects such as remotely operating a water pump via sensor data. In this class, students will learn advanced programming techniques in pBasic, C or C++, or possibly other programming languages. This is NOT a weighted course when calculating a student's GPA.

SPACE TECHNOLOGY (LAB)—PHYSICAL

COURSE CODE (3200) • CREDIT 1 (E) • GRADES 10 - 12 • PREREQUISITE/COREQUISITE: BIOLOGY

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, multimedia presentations, and actual construction of working scientific instruments. Topics covered include detailed investigations of the sun, the moon, the solar system, stars, star life cycles, 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, the internationally famous Project Vesta. Any students interested in astronomy, engineering, robotics, or hands-on learning should strongly consider taking the course.

UNDERWATER ROBOTICS (LAB) - PHYSICAL

COURSE CODE (3210) • CREDIT 1 (E) • GRADES 10- 12 • PREREQUISITE: SPACE TECHNOLOGY OR BIOLOGY.

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 industry as a template. Topics include building trebuchets, mathematical modeling of physical motion, extensive robotic command and control programming, electronics construction, calibration of sensing devices, 3D modeling using Inventor, and drawing electrical circuits using TinyCAD. Highlights of the course include the “The Mini-ROV Challenge” and our famous “Project Aquarius”. Project Aquarius is a simulated competition for a contract to build an underwater remotely operated vehicle (ROV) that will be sent to the sub-ice oceans of Jupiter's moon, Europa. It is highly encouraged that students have a computer with internet access at home and the ability to download/install software to those computers. Also be aware that many of our computer programs are PC specific and may not be compatible with an Apple computer. Any student interested in engineering, robotics, electronics, or hands on learning should strongly consider taking this course.

[Course Descriptions](#)

HONORS SPECIAL ASPECTS PROJECT (LAB) LIFE OR PHYSICAL

COURSE CODE (3240) • CREDIT 1 (E) • GRADES 11-12 • PREREQUISITE: A STRONG SCIENCE BACKGROUND AND/ OR SPACE TECH AND UNDERWATER ROBOTICS IS RECOMMENDED BUT NOT REQUIRED. SEE INSTRUCTOR FOR QUESTIONS

This course is designed to allow students to independently investigate a topic of interest to them. It also allows students to demonstrate good techniques in problem identification, scientific research, investigative design, collection and statistical analysis of data, abstract writing, problem solving, and the ability to communicate in written, oral, and electronic formats to both amateur and professional audiences. The project must include the collection and analysis of data and/or the building and testing of some type of prototype device. 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 where valuable cash prizes and scholarships can be won. Past students have gone on to earn up to \$25,000+ in scholarship money or even a full tuition scholarship to Case Western Reserve University.

**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. Students planning to pursue a degree in the field of engineering, medicine and/or attend top tier universities are highly encouraged to take these three courses.*

HONORS BIONICS—PHYSICAL

COURSE CODE (3220) • CREDIT 1 (E) • GRADES 11- 12 • PREREQUISITE: A STRONG SCIENCE BACKGROUND AND/OR SPACE TECH AND UNDERWATER ROBOTICS IS RECOMMENDED BUT NOT REQUIRED. SEE INSTRUCTOR FOR QUESTIONS

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. High-lights 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.

**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. Students planning to pursue a degree in the field of engineering, medicine and/or attend top tier universities are highly encouraged to take these three courses.*

[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 EURO. 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 required for graduation. It will study the various regions of the world and explore 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.

HONORS MODERN WORLD HISTORY

COURSE CODE (2045) • CREDIT 1 (E) • GRADE 9 • PREREQUISITE: H.S./M.S. TEACHER RECOMMENDATIONS

This Honors Modern World History course will address 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. This course is designed to engage and appropriately challenge the more motivated and talented student. 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. The honor 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.

COMMUNITY LAW

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

Community Law is designed to develop in students 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 11 - 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 will focus 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

This course satisfies the state's requirements for Financial Literacy. 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. In addition, the basics of financial literacy will be taught and may count for the required financial literacy component for graduation.

AP ECONOMICS

COURSE CODE: (2420) • CREDIT 1 • GRADE 11-12 • FEE: \$194

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 (students enrolling in AP courses are required to take the AP Exam). The AP Microeconomics course provides students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both 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 (students enrolling in AP courses are required to take the AP exam). 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 credit for both AP Microeconomics and AP Macroeconomics. There are two AP exams with the potential to pass two college courses.

[Course Descriptions](#)

WORLD WAR II: GLOBAL CONFLICT

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

This course 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 with fixed due dates. Access to a computer and the internet is a necessity for this class.

PSYCHOLOGY/SOCIOLOGY

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

This course 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: \$97

The AP Psychology course 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 enrolled in an AP course 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.

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: \$97 PREREQUISITE: PERMISSION OF THE INSTRUCTOR

This advanced placement course provides an in-depth study of U.S. History. It is an accelerated course for serious history students. This course prepares a student for college level abstract thinking and the College Board AP Exam scheduled in May. *Students enrolled in an AP course are required to take the AP exam.*

AP EUROPEAN HISTORY

COURSE CODE (2490) • CREDIT 1 (E) • GRADE 11-12 • FEE: \$97 •

The student of European History since 1450 introduces 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.

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 historical documents, institutions, political parties, taxes, and elections will be studied at all levels of government. In addition, students will complete community service activities.

[Course Descriptions](#)

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

COURSE CODE (2460) • CREDIT 1 (E/R) • GRADE 11-12 • FEE: \$194

Course 1 United States Government and Politics

Course 2 Comparative Government and Politics

This is an advanced placement course, which 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 enrolling in Advanced Placement courses are required to take the A.P. Exam)

COLLEGE CREDIT PLUS INTRO. TO GOVERNMENT

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

This course 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.

College Credit Plus Intro to Government satisfies the Government graduation requirement.

COLLEGE CREDIT PLUS STATE AND LOCAL GOVERNMENT

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

This course 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.

College Credit Plus State and Local Government satisfies the Government graduation requirement

[Course Descriptions](#)

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 re-search based primary and secondary resources as well as current events to develop an understanding of Global Terror-ism 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 FOR 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 AREA OF THEIR LEARNING DIFFICULTY. COURSES OFFERED:

- 8075 English 9 Skills
- 8115 Algebra Prep. Skills
- 8080 English 10 Skills
- 8085 English 11 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:

- 8131 Algebra I
- 8410 English 9
- 8167 Geometry
- 8420 English 10
- 8215 Algebra II
- 8430 English 11
- 3870 College Prep Math
- 8440 Senior Literature & Composition

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 English/Language Arts Assistance
- 8102/8103 Math Assistance

[Course Descriptions](#)

INTERVENTION SPECIALIST PROGRAMS

The Fundamental Support Services educational program is designed with objectives that are sequenced developmentally in order 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) • GRADE 9 CREDIT 1 • (E)

This course offers students the opportunity to participate in a general education English 9 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 10 COLLABORATIVE

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

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) • GRADE 11 • CREDIT 1 • (E)

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.

SENIOR LITERATURE & COMPOSITION COLLABORATIVE

COURSE CODE (8440) • CREDIT 1 • (E) • GRADE 12

This course offers students the opportunity to participate in a Senior English class with an Intervention Specialist and a general education teacher working collaboratively. English 12 introduces students to many different writing styles through both examination, practice and reading literature. Providing extensive writing experiences, students will have the opportunity to improve organizational skills, time-management, and further develop their abilities as writers and critical readers.

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 support 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 Education departments. It utilizes a team-teaching approach to cover all of the topics in the Algebra II CORE curriculum, while providing additional supports 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 supports 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 or Math. 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

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*. Students 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

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 PREP SKILLS

COURSE CODE 8115 • CREDIT 1 • (E) • GRADES 9-12

Algebra Prep Skills is a resource class for students with IEPs. This class is designed to help the student achieve mastery in the prerequisite skills needed for Integrated Math I (Algebra). This class aids students in building a strong foundation in arithmetic as well as foundational algebraic concepts. Organization and home-work completion is emphasized. Topics covered will include Integers, Equations, Rational Numbers, Linear Equations, and Inequalities.

CONSUMER MATH

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

In this two-semester course, 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 transcribed 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.



[Table of Contents](#)



Eastland-Fairfield Career & Technical Schools

EXPLORE THE POSSIBILITIES.

Eastland-Fairfield Career & Technical Schools offers nearly 40 programs for you to choose from while you're in high school. Their programs provide you with the opportunity to pursue your talents and interests, whether you're planning to pursue college or a real-world career. It's a head start that lets you explore your choices now...and can help you make the most of your choices after graduation.

Agricultural & Environmental Systems

- Animal Management (FCC)
- Environmental Science (New Albany High School)
- Landscape Design & Management (ECC)

Arts & Communication

- Graphic Design (ECC)
- Performing Arts
(Reynoldsburg H.S. - Livingston Campus)

Finance/Business & Administrative Services/Marketing

- Fashion Merchandising
(Canal Winchester High School)
- Marketing & Logistics Management
(Groveport Madison High School)
- Medical Office (ECC)

Construction Technologies

- Architecture/Construction Management
(Gahanna Lincoln H.S. - Clark Hall)
- Construction (FCC)
- Electrical (ECC)
- Heating, Ventilation, Air Conditioning & Refrigeration (FCC)

Education & Training

- Teaching Professions
(Gahanna Lincoln H.S. - Clark Hall)

Health Science

- Bioscience
(Gahanna Lincoln H.S. - Clark Hall)
- Dental Assisting (ECC & FCC)
- Exercise Science (FCC)
- Pharmacy (FCC)
- Pre-Nursing (FCC)

Hospitality & Tourism

- Culinary Arts (ECC)

Human Services

- Cosmetology (ECC & FCC)
- Employability Prep (Offsite)
- Nail Services (FCC) (Senior Only)
- Project SEARCH (Offsite)

Information Technology

- Cyber Security (FCC)
- Interactive Media (ECC)
- Multimedia (Pickerington High School North)
- Programming & Software Development (ECC)

Law & Public Safety

- Criminal Justice (ECC & FCC)

Manufacturing Technologies

- Pre-Engineering (ECC)
- Welding (ECC)

Transportation Systems

- Agriculture & Heavy Equipment (ECC)
- Automotive (ECC & FCC)
- Auto Body & Paint (ECC) (Senior Only)
- Aviation (ECC)

Locations:

- (ECC)—Eastland Career Center, Groveport
- (FCC)—Fairfield Career Center, Carroll

OUR FOCUS. YOUR FUTURE.



www.eastland-fairfield.com

614-836-4530

EFCTS

COURSE FEES FOR THE 2022-23 SCHOOL YEAR

GENERAL INSTRUCTIONAL FEE: \$35 PER STUDENT PER YEAR

CODE	COURSE	FEE	CREDIT
6045/6	ART SURVEY I, II	\$25	½
6366	BLACK/WHITE FILM PHOTOGRAPHY	\$15	1
640—	CERAMICS I, II, III	\$25	1
3360	CHEMISTRY	\$15	1
6053	COMPUTER ART I	\$10	½
6054	COMPUTER ART II	\$25	½
6301	COMMUNITY ART	\$10	1
607—	DRAWING I, II, III, IV	\$10	½
6364	DIGITAL PHOTO	\$10	½
19—	MANDARIN CHINESE I, III	\$24	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

AP COURSE FEES

CODE	COURSE	FEE	CREDIT
3855	AP CALCULUS AB	\$97	1
3860	AP CALCULUS BC	\$97	1
3865	AP STATISTICS	\$97	1
1340	AP ENGLISH LANGUAGE AND COMPOSITION	\$97	1
1343	AP LITERATURE	\$97	1
2285	AP PSYCHOLOGY	\$97	1
2460	AP US GOVERNMENT & COMPARATIVE GOVERNMENT	\$194	1
2425	AP U.S. HISTORY	\$97	1
2490	AP EURO. HISTORY	\$97	1
2420	AP ECONOMICS	\$194	1
3450	AP CHEMISTRY	\$112	1
3150	AP BIOLOGY	\$97	1
3230	AP ENVIRONMENTAL SCIENCE	\$97	1
1580	AP FRENCH	\$128	1
1880	AP SPANISH	\$97	1
1980	AP CHINESE	\$121	1

[Table of Contents](#)

PAY TO PARTICIPATE FEES

\$25.00 Per Activity

\$50.00 Family Cap

APPLICABLE ACTIVITIES

Advanced Competitive Speech & Debate

Band (except Jazz Band)

Choir

Competitive Speech & Debate

Fall Play

Color Guard

In the Know

Journalism/Yearbook

Lionettes

Renaissance Action Team

Science Olympiad

Spring Musical

Student Council

Student Outreach Committee

Video Communications & Public Relations (TV Studio)

[Table of Contents](#)

TELEPHONE NUMBERS

Gahanna Lincoln High School	478-5500
Gahanna Lincoln High School Fax Number	337-3769
Clark Hall	479-1515
Clark Hall Fax Number	416-9694
Administration	
Jessica Williams, <i>Principal</i>	478-5500
Charles Banks, <i>Assistant Principal</i>	479-1412
Dustin Cullen, <i>Assistant Principal</i>	479-1960
Kris Fuller, <i>Assistant Principal</i>	479-1417
Stephen King <i>Assistant Principal</i>	479-1413
Aneesa Locke-Hines, <i>Assistant Principal</i>	479-1411
Moe Lee, <i>Dean of Studies</i>	479-1418
Kathryn Harris, <i>Athletic Director</i>	479-1560
Cindy Shelton, <i>Main Office Secretary</i>	478-5511
Amy Pedrotty, <i>Main Office Receptionist</i>	478-5500
Amy Carter, <i>Attendance Secretary</i>	478-5515
Lorie McCarter, <i>Clerk/Typist</i>	479-1631
Susan Kromer, <i>Secretary</i>	479-1562
Matthew Gilmore , <i>Athletic Secretary</i>	479-1560
Nancy Clark, <i>Clark Hall Secretary</i>	479-1515
Counseling Center	
School Counseling Fax Number	416-6488
Chelsey Stalnaker, <i>School Counselor, A-Car & Career/Tech 12</i>	479-1625
Julie Nelson Slagle, <i>School Counselor, Cas-Fo & Career/Tech 11</i>	479-1627
Melissa Monnig, <i>School Counselor, Fp-Ke</i>	479-1628
Duane Miller, <i>School Counselor, Kf-Or</i>	479-1630
Anna Prenoveau, <i>School Counselor, Os-Sn</i>	479-1629
Landon Erb, <i>School Counselor, So-Z</i>	479-1626
Kimberly Cowman, <i>Registrar</i>	479-1633
Jennifer Essinger, <i>School Counseling Secretary</i>	478-5508
Johnel Amerson, <i>Psychologist</i>	479-1318
Career Centers	
Eastland Career Center	836-5725
Fairfield Career Center	837-9443
Library/Media Center	
Ann Gleek, <i>Librarian</i>	479-1617

[Table of Contents](#)

Department Chairpersons	
Art/Music	Cindi Macioce
Business/Computer/Technology/Work & Family	Marcie Aiello
English	Christopher Wagner
School Counseling	Melissa Monnig
World Languages	Julie Ingo Andrea Saunders
Mathematics	Cheryl Ramey
Physical Education/Health	Scott Meadows
Science	Dale Eckard
Social Studies	Dwayne Marshall
Special Education	Kellie Bommer Ryan Callihan

[Table of Contents](#)

BASIC REQUIREMENTS FOR GRADUATION

English*	4.5 Credits
Math	4 Credits
(including Alg. II)	
Biological Science	1 Credit
Physical Science	1 Credit
Additional Science	1 Credit
U.S. History	1 Credit
Modern World Hist.	1 Credit
U.S. Government	1 Credit
Physical Education OR Waiver	2 Sem.
Health	½ Credit
Financial Literacy (Personal Finance or Economics)	½ Credit
VPA	1 Credit

Remaining Classes/Credits in Electives in any Academic area excluding Health/PE.

20 Total Credits required for Graduation.

*English 9, 10, 11, 12 and Speech

Beginning with Class of 2018:

ALL students must take seven (7) End of Course exams in English 9, 10, Algebra 1, Geometry, Biology, US History and American Government. Students must also choose 1 of the 3 pathways below:

- Earn a cumulative of 18 points on the seven End of Course exams.
- Earn a remediation-free score on a college admissions assessment (ACT or SAT)
- Earn 12 points from a state recognized industry credential and earn 13 points on the WorkKeys workforce readiness assessment.

[Table of Contents](#)

SAMPLE FOUR YEAR PLANNING SHEET

9 th grade – 1 st Semester			9 th grade – 2 nd 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 (9 th or 10 th grade)	½	6	PHYS ED	1/4
7			7		
8			8		
10 th grade – 1 st Semester			10 th grade – 2 nd 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	SPEECH (9 th or 10 th grade)	½	6		
7	US HISTORY		7	US HISTORY	1
8			8		

[Table of Contents](#)

11 th grade – 1 st Semester			11 th grade – 2 nd 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		
12 th grade – 1 st Semester			12 th grade – 2 nd 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			4		1
5			5		
6			6		
7			7		
8			8		

[Table of Contents](#)

YOUR FOUR YEAR PLANNING SHEET

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

[Table of Contents](#)

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

[Table of Contents](#)