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*Mr. Julio Valladares,*  
*Treasurer*

**HIGH SCHOOL  
MISSION STATEMENT**

Educating students today for the challenges and opportunities of tomorrow.

**GAHANNA-JEFFERSON  
GRADUATE PROFILE**

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

- a Responsible Community
- a Collaborative Team Member
- a Comprehensive Problem Solver
- an Effective Communicator
- a Proficient Technology User

**SCHOOL DISTRICT  
MISSION STATEMENT**

The mission of the Gahanna-Jefferson Public Schools is to develop citizens who possess the self-esteem, motivation and skills needed to: communicate effectively, acquire and apply knowledge, make responsible decisions, respect cultural diversity, and adapt to the challenges of the 21<sup>st</sup> century by providing a diverse, well-trained staff dedicated to delivering a comprehensive curriculum which is based on research and which meets student and community needs.

# 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 12<sup>th</sup> grade only shall be released to any of the branches of the U.S. Armed Forces upon request without 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 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 1972 Education Amendments. Inquiries regarding compliance with Title IX may be directed to Dan Rotella, Director of Special Programs, at 471-7065, or to the Director of the Office of Civil Rights, Region V, 55 Erieview Plaza, Room 222, Cleveland, Ohio 44114. Phone (216) 522-4970.

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

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# GENERAL INFORMATION

## 2011 -2012

# PLANNING AND POLICIES

### HOW TO PLAN YOUR PROGRAM OF STUDIES

This booklet has been prepared for your present and future use by the combined teaching, guidance and administrative staffs of Lincoln High School. You are encouraged to plan carefully 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 vocational 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 at the end of this book.

### 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 course work for graduation. However, it is the student's responsibility to monitor his/her progress towards meeting graduation requirements.

**STATE TESTING REQUIREMENTS:** All students are required to pass the Ohio Graduation Test (OGT). Students begin testing in the spring of their sophomore year.

**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 on pages 51-52 for required courses.

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

### ACCELERATED GRADUATION

Students planning to graduate after 6 or 7 semesters of high school must have the written permission of a parent, meet with a counselor and submit their written request no later than June 1<sup>st</sup> of the sophomore year. A plan to meet all graduation requirements must be completed.

# PROGRESSION TO THE NEXT GRADE LEVEL

The minimum student course load is 6 credits per year for 9<sup>th</sup> and 10<sup>th</sup> graders. The minimum student course load for 11<sup>th</sup> and 12<sup>th</sup> graders is 5 credits. Students are not permitted to have more than two study halls during a semester. Students are promoted to the next grade upon completion of the following minimum credit requirements:

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

## MINIMUM CREDIT REQUIREMENTS

CORE CLASSES	CLASS OF 2012, 2013	CLASS OF 2014, 2015
<b>ENGLISH</b>	4 CREDITS (INCLUDING .50 SPEECH)	4 CREDITS (INCLUDING .50 SPEECH)
<b>MATH</b>	3 CREDITS	4 CREDITS MUST INCLUDE <u>ONE CREDIT OF ALGEBRA II OR EQUIVALENT</u>
<b>SCIENCE</b>	3 CREDITS  1 CREDIT LIFE SCIENCE 1 CREDIT PHYSICAL SCIENCE 1 ADDITIONAL CREDIT	3 CREDITS  1 CREDIT LIFE SCIENCE 1 CREDIT PHYSICAL SCIENCE 1 ADDITIONAL CREDIT IN ADVANCED STUDY IN CHEMISTRY, PHYSICS, ADV. BIO, OR OTHER PHYSICAL SCIENCE OR LIFE SCIENCE (LAB SCIENCES)
<b>SOCIAL STUDIES</b>	3 CREDITS  1 CREDIT IN GLOBAL STUDIES 1 CREDIT IN US HISTORY 1 CREDIT IN GOVERNMENT	3 CREDITS  1 CREDIT IN GLOBAL STUDIES 1 CREDIT IN US HISTORY 1 CREDIT IN GOVERNMENT
<b>PHYSICAL EDUCATION</b>	.50 CREDIT (2 SEMESTERS @.25 EACH)	.50 CREDIT (2 SEMESTERS@ .25 EACH)
<b>HEALTH</b>	.50 CREDIT (1 SEMESTER)	.50 CREDIT (1 SEMESTER)
<b>MANDATORY ELECTIVES</b>	.50 CAREER PASSPORT (2011-ONLY) .50 INFORMATION TECHNOLOGY .50 (2011) OR 1.0 (CLASSES OF 2012 & 2013) CREDIT IN ANY AREA TO INCLUDE: VPA, OR INTERNATIONAL LANG. OR BUSINESS	.50 INFORMATION TECHNOLOGY 1.0 CREDIT IN A VPA AND AN ADDITIONAL .50 IN ANY AREA TO INCLUDE: VPA, INTERNATIONAL LANG. OR BUSINESS
<b>ELECTIVES</b>	<b><i>STUDENT CHOICE</i></b>	<b><i>STUDENT CHOICE</i></b>
<b>OGT</b>	MUST PASS ALL 5 SECTIONS OF THE OHIO GRADUATION TEST	MUST PASS ALL 5 SECTIONS OF THE OHIO GRADUATION TEST
<b>MINIMUM CREDITS NEEDED TO PROGRESS TO THE NEXT GRADE LEVEL</b>	GRADE 9 = 5 CREDITS GRADE 10= 10 CREDITS GRADE 11= 15 CREDITS GRADUATION = 20 CREDITS (ALL CORE AND OGT)	GRADE 9 = 5 CREDITS GRADE 10= 10 CREDITS GRADE 11= 15 CREDITS GRADUATION= 20 CREDITS ( ALL CORE AND OGT)

# TYPES OF OHIO DIPLOMAS

## DIPLOMA

Students are required to complete the LHS Graduation requirements as outlined.

### OHIO HONORS DIPLOMA (2011 AND BEYOND)

#### 1. College Preparatory Curriculum

Beginning June 30, 2007, the student who completes the college preparatory curriculum in high school must meet any seven of the following eight criteria:

- Earn four units of English
- Earn at least four units of mathematics that include algebra I, algebra II, and geometry, and another higher level course or four-year sequence of courses which contains equivalent content
- Earn at least four units of science including one unit of physics and one unit of chemistry
- Earn four units of social studies
- Earn either three units of one foreign language or two units each of two foreign languages
- Earn one unit of fine arts
- Maintain an overall high school grade point average of least 3.5 on a 4.0 scale up to the last grading period of the senior year; or
- Obtain a composite score of 27 on the ACT (excluding the optional writing test) or a combined score of 1210 on the SAT verbal and mathematics section (excluding the optional writing section).

#### 2. Intensive Vocational Curriculum

Beginning September 15, 2001, the student who completes an intensive career-technical education curriculum in high school must meet any nine of the following ten criteria:

- Earn four units of English
- Earn at least four units of mathematics which should include algebra I, algebra II, and geometry and another higher level course, or a four-year sequence of courses that contain equivalents content
- Earn at least four units of science including one unit of physics and one unit of chemistry
- Earn four units of social studies
- Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post-secondary credit. If the student's program design does not provide for any of these outcomes, and then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent
- Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment (available at [http://www.webxam.org/info\\_docs.asp](http://www.webxam.org/info_docs.asp) and additional content is available at <http://www.ode.state.oh.us/GD/Templates/Pages/ODE/PDEDetail.aspx?Page=3&TopicRelationID=182&Content=23696>) or equivalent assessment aligned with state-approved and industry validated technical standards; or
- Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year; or
- Obtain a composite score of 27 on the ACT (excluding the optional writing test) or a combined score of 1210 on the SAT verbal and mathematics sections (excluding the score obtained on the required writing section)

## ACADEMIC PROGRAMS

### 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 course work 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

Three Social Studies credits

Two to three International Language (the same) credits

Four Mathematics credits (Algebra I, Geometry, Algebra II, elective)

Three Science credits (lab sciences preferred)

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 Guidance Department serves as the resource center for all college materials including video tapes, view books, applications, financial aid, scholarships, Post-Secondary Enrollment Options Program, college entrance examinations (PSAT, PLAN, 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. Passes to attend these informative sessions are obtained before the day of the presentation from the guidance secretary. Students must have permission from each classroom teacher whose class will be missed to attend. Parents are also invited to attend.

### ADVANCED PLACEMENT

The Advanced Placement 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 pre-determined 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 \$86.00 per test. Weighted grades are given to AP courses to compensate for higher expectations.

Students and parents 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.

### **LINCOLN HIGH SCHOOL SCIENCE ACADEMY**

The Gahanna Lincoln High School Science Department offers a special program known as The Science Academy. This innovative school within a school includes a rigorous and relevant curricular component within a learning climate that fosters outstanding student-student and student-teacher relationships, enabling students to achieve at significantly higher levels. Trouble shooting, hands-on experimental work, a willingness to do collaborative work in teams on long term projects, and "out of the box" thinking are encouraged in these courses, which are primarily taught in Clark Hall.

The Science Academy includes two specialty areas or tracks: a Medical/Health track and a Robotics/Engineering track. Most students take the core courses of science (Integrated, Biology, and Physics) and then take four more specialized science courses in their chosen fields. Medical track students begin with Anatomy and Physiology and Microbiology, while Robotics/Engineering students take Space Technology and Virtual Technology. Then, both groups of students finish with Honors Bionics and a senior capstone project in Special Aspects, both of which are team taught with an English class specifically designed to engage in scientific ethics, science fictions, and technical writing skills. Students opting to complete the Academy courses in this manner will have a total of eight laboratory science classes, giving them a true advantage as they enter the college landscape.

The Science Academy classes follow several common themes/strategies including the following:

- Using a common thinking model and common graphic organizers
- Using engineering and design principles of communication, project development, proper experimentation, and design tools
- Using scientific reasoning and collecting evidence to make decisions
- Using authentic events and assessments that mirror real world application and practice
- Evaluation of character and work habits of students (such as responsibility, attendance, meeting deadlines, showing initiative, etc.)
- Development and use of on-line systems to learn new information, to collaborate on projects, and to develop virtual teaming skills
- Development of effective science research skills that are applied during a Senior Research Project

### **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 page 46 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 Guidance office.

### **MOSAIC**

This educational program is offered to students at Lincoln High school through a cooperative relationship with The Educational Council. At the time of printing, this program was undergoing changes in its basic design and structure. Please contact the guidance department for current information and course description.

### **METRO HIGH SCHOOL**

Metro is a small, public high school on Kenny Road in Columbus, Ohio for grades 9 to 12, with an emphasis on math, science and technology that will prepare students for success in college. This school is unique in that students accelerate their core academics in grades 9 and 10, and then the 11<sup>th</sup> and 12<sup>th</sup> graders participate in hands-on, self-directed learning outside the classroom with teachers and mentors from the community. This includes: Independent research projects; group projects with other students; and, community internships at "learning centers" around the community. Sites include: Battelle, Ohio State University, COSI, the Columbus Museum of Art, WOSU, the Wexner Center for the Arts, as well as other businesses and organizations.

## **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.

### **CORRESPONDENCE COURSES**

LHS uses the University of Nebraska Extension Service, American School and the Goals Program as approved correspondence programs. Generally, the counselor is the supervisor, sets up the program, and approves the course(s). An evaluation of the need for correspondence is made by the counselor and principal before final approval is granted. Parental consent is required. Tuition and fees are paid by the parent or student. Credit may be applied toward graduation providing: Authorization to enroll is given by the principal or guidance counselor. Students enrolled in the day school shall not study by correspondence any courses taught at LHS unless it is impossible to work it into their schedule. A copy of the course syllabus must be submitted with the final grade before credit is awarded.

#### **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

#### **POST SECONDARY ENROLLMENT OPTIONS POLICY**

LHS participates in the PSEOP in accordance with the Ohio State Board of Education Rules 3301-44. This program permits high school students in grades 9-12 to expand educational opportunities while in high school and earn college and high school credit 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. College courses will supplement the high school curriculum and will not substitute for any high school graduation requirement. Grades will not be reflected in the high school GPA (grade point average). Students must designate which option they wish to pursue at the time of enrollment:

OPTION A – The student elects to take courses for college credit only. The student/parents pay all costs.

OPTION B – The student elects to take courses for high school and college credit. The payment of fees is the responsibility of the Ohio Department of Education pursuant to ORC 3301-44-07.

Students and parents must attend the mandatory February meeting. Students must notify their counselor in writing of their intent to participate by March 30 before the year of participation. Permission of the principal is required after that date.

Students may enroll in college courses on a full- or part-time basis with the following criteria:

- Acceptance by the college
- Course approval received from their counselor
- If the student fails to complete the course or receives a failing grade, the parent or student is liable for all financial obligations.
- Graduation requirements are not waived for any student participating in this program.
- The U.S. Government requirement cannot be fulfilled through post-secondary course work. It must be taken at Lincoln High School.
- Texts and related supplemental materials purchased for the student are the property of the college. At the end of the course, students are responsible for returning texts and supplemental materials to the college and are responsible for any fines associated with abuse of the text and related materials.
- Transportation will be the responsibility of the student/parents.

#### **FOREIGN EXCHANGE STUDENT PROGRAM**

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

Policy on the Acceptance of Foreign Exchange Students:

FES are permitted to enroll at LHS on a strictly cultural exchange basis. These students must be sponsored by programs registered with the U.S.I.A. and the C.S.I.E.T. 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. Additional placement and scheduling guidelines are available in the Guidance office.

#### **EARLY DISMISSAL/LATE ARRIVAL**

Seniors are eligible for early release seventh and eighth period or late arrival first period with completion of the early dismissal /late arrival form signed by a parent. This form must be submitted with a student’s course request form. Juniors are eligible for a work release eighth period with proper documentation from an employer on the early dismissal form signed by a parent.

#### **INDEPENDENT STUDY**

This program is scheduled between a student and teacher with goals and objectives set in a specified timeframe. Students must complete an application for independent study. Teachers may obtain application through the Guidance office.

#### **DUAL CREDIT THROUGH OHIO DOMINICAN UNIVERSITY**

Select courses offer both high school and college credit. Additional information can be obtained by contacting the guidance office.

#### **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 21<sup>st</sup> century skills. Additional information can be obtained by contacting the guidance office.

## **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 Guidance office until March 7, 2011. 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.

Counselors cannot change the following:

- Lunch period
- Study hall
- Teachers

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.

**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 rearranged 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 or a full credit double block 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 Guidance counselor, the teacher, the student and the parent. 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 by a student if the auditing form has been completed and submitted to the Guidance office by the tenth (10) day of class. No credit is awarded for audited courses.

**TRANSCRIPTS**

Requests for a transcript of high school grades are made through the Guidance Department. Each transcript request is \$2.00. Please allow five working days for processing. If a transcript is needed in fewer than five days, a \$10.00 fee will be charged. Request forms must be signed by parents when the student is under 18 years old.

**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 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

\*Honor Roll lists are compiled each quarter based on the current grade point average as shown on each report card. Students must obtain a 3.5 quarter grade point average in order to qualify.

GPA Calculation worksheets are available in the Guidance office.

## ATHLETIC ELIGIBILITY

Student athletes must meet all OHSAA scholarship requirements. A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% of those subjects 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.

P.E. I, Lifetime Sports, Personal Conditioning, Mentorship, Flag Corps and Advanced Physical Education are only worth ¼ credits, so in order to count toward the five credits another ¼ credit class must be passed in the same quarter.) The eligibility or ineligibility of a student athlete continues until the start of the fifth (5<sup>th</sup>) 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 table sessions per week. Six one-hour study tables will be offered each week. 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 complete the NCAA Clearinghouse Form 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 [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)
- Click on Prospective Student-Athletes
- Click on Registration Form for U.S. Students (left column on page)
- GLHS Code is 362235
- Have ready your social security number
- Have ready a credit card for the \$60.00 fee (subject to change)

## AWARDS

### PRESIDENT'S AWARD FOR EDUCATIONAL EXCELLENCE

- Grade point average of 3.5 or above
- 85<sup>th</sup> percentile or higher in math or reading on a standardized achievement test (ACT or SAT) or two (2) letters of recommendation.
- One from a subject area teacher (Core Curriculum)
- One from a staff member reflecting the student's involvement in community service; or extracurricular activities including tutoring other students and/or demonstration of creativity and achievement (visual and performing arts)

### STATE AWARD OF MERIT

College Preparatory Curriculum

Graduating seniors who meet the following criteria earn the State of Ohio Award of Merit certificate. It is presented at the Senior Awards Assembly.

- Four units of English (may include ½ unit of fundamentals of speech)
- Three units of mathematics (must include 1 unit of algebra and 1 unit of geometry)
- Three units of science (must include 2 units from biology, chemistry, and physics)
- Three units of social studies (must include two units of history and one half unit of civics or government) (global studies counts as a history credit)
- Three units of one foreign language or two units each of two foreign languages
- Two additional units from one or more of the following: English, science, mathematics, social studies, foreign languages, business, computer science, or visual or performing arts
- 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.
- 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

### 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 BANQUET**

In the spring of each year a banquet is held to recognize students who have achieved a designated cumulative GPA.  
Specific cumulative grade point averages recognized: 9<sup>th</sup> - 3.9 GPA; 10<sup>th</sup> - 3.8 GPA; 11<sup>th</sup> - 3.7 GPA; 12<sup>th</sup> - 3.6 GPA





# ART

CODE	COURSE	GRADE	CREDIT
6061	INTRODUCTION TO THE VISUAL ARTS	9-12	1
6059	SENIOR ART SURVEY	12	1
6053	COMPUTER ART I	10-12	½
6054	COMPUTER ART II	10-12	½
6362	PHOTOGRAPHY I	10-12	½
6363	PHOTOGRAPHY II	10-12	½
6364	DIGITAL PHOTOGRAPHY	10-12	½
6150	THREE DIMENSIONAL CONCEPTS	9-12	1
6250	ADV. THREE DIMENSIONAL CONCEPTS	10-12	1
6052	SCHOOL TO WORK ADVANCED GRAPHICS	10-12	½

(E) ELECTIVE  
(R) REQUIRED

### INTRODUCTION TO THE VISUAL ARTS (VPA)

COURSE CODE (6061) • CREDIT 1 (E)  
• GRADES 9 - 12 • FEE: \$30

Introduction to the Visual Arts is a basic course that gives the beginning art student a broad basis for further art study. The students will be involved in a wide variety of art techniques such as ceramics, painting, drawing, crafts, sculpture, incorporating analysis of color theory, design, composition, and linear perspective. A sketchbook, which is considered homework and done outside of class, is a requirement.

### ART SURVEY

COURSE CODE (6059) • CREDIT 1 (E)  
• GRADE 12 • FEE: \$30

An art course for the non-major art student that will emphasize an art appreciation-project based format. The class will focus on art and art movements and will provide the visual art credit needed for graduation.

### COMPUTER ART I (VPA)

COURSE CODE (6053) • CREDIT ½ (E) • GRADES 10 - 12 • FEE: \$30

**PREREQUISITE: INTRODUCTION TO THE VISUAL ARTS OR PHOTOGRAPHY.**

The student will come to this class with a foundation of drawing and perspective skills along with an understanding of values and colors. Students will study the basic workings of paint and draw programs. Students will draw primarily with an electronic pen and graphics pad. This class teaches program commands to enable the artist to produce both fine art and graphic art using the computer as the artist's tool. Students are required to keep a notebook portfolio and to work up preliminary drawings as homework. Student must have a storage device (CD-RW, thumb or flash drive) for use in class.

### COMPUTER ART II (VPA)

COURSE CODE (6054) • CREDIT ½ (E) • GRADES 10 - 12 • FEE: \$30

**PREREQUISITE: COMPUTER ART I.**

Computer Art II offers the student an opportunity to delve deeper into the programs introduced in Computer Art I.

Emphasis will be placed on composition and design. Animation will be introduced. Time permitting; we will study the basics of other Adobe software. Students will keep a notebook portfolio with sheet protectors. An electronic storage device is required such as a CD-RW or a flash drive.

### PHOTOGRAPHY I

COURSE CODE (6362) • CREDIT ½ (E) • GRADES 10-12 • FEE: \$30

Photography I is an introduction to black and white photography, its history, 35mm camera handling, development of photographic skills, and darkroom techniques. Students electing to take this course will have to provide their own 35mm camera and cost of supplies used during the course.

### PHOTOGRAPHY II (A BLACK AND WHITE FILM CLASS) (VPA)

COURSE CODE (6363) • CREDIT ½ (E) • GRADES 10 - 12 • FEE: \$30

**PREREQUISITE: PHOTOGRAPHY I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Photography II will expand upon areas of Photography I including advanced darkroom techniques, greater use of equipment, picture-building skills and the creative aspect of photography as a medium. This is primarily a portfolio class with emphasis on gaining experience in shooting pictures, developing film, and making prints. Attendance on field trips to photo shoot is a required part of the curriculum. Students are expected to keep a portfolio binder of their best work and to exhibit their work and enter contests.

### DIGITAL PHOTOGRAPHY/DIGITAL DARKROOM I (VPA)

COURSE CODE (6364) • CREDIT 1/2 (E) • GRADE 10-12 • FEE: \$30

**PREREQUISITE: A DIGITAL CAMERA IS NECESSARY. BASIC COMPUTER KNOWLEDGE NEEDED.**

It is highly recommended to take Photo I first. Digital photography is changing the way photographers create images. Students will learn the basics of digital photography and learn to use Photoshop to edit images in the computer lab, their

"digital darkroom". Students are required to have a digital storage media such as a CD-RW or flash drive. They are also expected to keep a portfolio of their work.

### THREE DIMENSIONAL CONCEPTS (VPA)

COURSE CODE (6150) • CREDIT 1 (E)  
• GRADES 9 - 12 • FEE: \$30

This is a beginning ceramics and sculpture class where the mastery of basic skills involved in the making and decorating of pottery and ceramic sculpture is a primary objective. Both the hand building and wheel-thrown ceramic process will be fully explored. Examples of class projects could be coil pots, clay masks, porcelain jewelry, and a wheel-thrown item.

### ADVANCED THREE DIMENSIONAL CONCEPTS (VPA)

COURSE CODE (6250) • CREDIT 1 (E)  
• GRADES 10-12 • FEE: \$30

**PREREQUISITE: THREE DIMENSIONAL CONCEPTS**

In this course students will investigate in more detail the various techniques involved in Three Dimensional Concepts. This course will continue in greater detail the wheel-thrown approach and will concentrate on more professional glazing techniques. The sculpture portion of the course involves "additive" and "subtractive" methods with the investigation of as many sculpting materials as possible. Precision professional results are expected from both wheel-thrown and hand-building (sculpture) groups.

### SCHOOL TO WORK ADVANCED GRAPHICS

COURSE CODE (6052) • CREDIT 1/2 (E) • GRADE 10-12 • FEE: \$30

In this class students will work as student graphic designers and illustrators to fulfill authentic projects for teachers, administrators, and community. Students are expected to meet the client's deadline. Students should have experience in one or more of the following software programs: Microsoft Word, Photoshop, Illustrator, Dreamweaver, InDesign, or Flash. Incoming jobs would be distributed in

accordance with student's expertise.  
Students are expected to acquire  
freelance jobs as homework, maintain a  
daily notebook and present a portfolio at  
the end of the course.



# BUSINESS

## GRADUATION REQUIREMENT: INFORMATION TECHNOLOGY

CODE	COURSE	GRADE	CREDIT
2930	INFORMATION TECHNOLOGY	9	½
2940	INFORMATION TECHNOLOGY II	9-12	½
4120	INTRODUCTION TO BUSINESS	9-10	½
4030	ACCOUNTING	11-12	½
4180	PERSONAL FINANCE	11-12	½
4440	MARKETING EDUCATION	12	4
00806	INTERNATIONAL BUSINESS	11-12	2

(E) ELECTIVE  
(R) REQUIRED

BUSINESS COURSES ARE NOT A SUBSTITUTE FOR MATH, SCIENCE, OR COMPUTER SCIENCE CREDIT COURSES.

### INFORMATION TECHNOLOGY

COURSE CODE (2930) • CREDIT ½ (R) • GRADES 9-10

Information Technology (IT) is a required course for all students. GLHS and Eastland-Fairfield Career and Technical School have partnered to create this comprehensive technology training course. IT students will have the opportunity to learn about computer networking, web design, video editing, programming logic, keyboarding, online safety, and online etiquette. Students will work with various software programs, including Microsoft Office. Numerous web-based tools will also be incorporated into the course to enhance projects and overall student learning experiences.

### INFORMATION TECHNOLOGY II

COURSE CODE (2940) • CREDIT ½ (E) • GRADES 9-12 • PREREQUISITE: INFORMATION TECHNOLOGY WITH A GRADE OF "C" OR HIGHER.

Information Technology II is designed to follow Information Technology. Students in Information Technology II will learn additional knowledge in the areas of video editing, web design, computer networking, programming logic, and Microsoft Office applications. Numerous web-based tools and applications will also be used to enhance the curriculum. The class is predominantly project-based and is driven by student-choice and interest.

### ACCOUNTING

COURSE CODE (4030) • CREDIT 1/2 (E) • GRADES 10 – 12 • FEE: \$20

If you are considering a career in business, or hope to run your own business someday, this class is a MUST! Students will learn basic accounting concepts and principles, including the steps of the accounting transaction analysis, journalizing, and posting. Students will also learn to analyze and create financial statements including the income statement and balance sheet. Workload will include traditional class assignments as well as online discussion, planned meetings with small groups, and possible mentoring with business professionals.

### INTRODUCTION TO BUSINESS

COURSE CODE (4120) • CREDIT ½ (E) • GRADES 9 – 10 only

This course introduces students to key business-related topics and helps them assess their interest and abilities in a business career. The content includes an introduction to accounting, economics, entrepreneurship/small business ownership, finance, international business, business law, management and marketing, as well as current business events and other business concepts. Students will complete a variety of class projects both individually and in groups to simulate today's working environment. It is important to note topics will be covered on an introductory level appropriate for 9<sup>th</sup> and 10<sup>th</sup> graders.

### PERSONAL FINANCE

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

This course prepares students for financial decisions they will face during and after high school, focusing on awareness of financial matters and the ability to handle money wisely. Along with the textbook content, featured guest speakers, and reading R. Kiosaki's book *Rich Dad, Poor Dad*, the course will utilize the internet, in-class activities (Budgeting Project, Stock Market Simulation, Case Study) and other resources to educate students on financial options and current economic decisions.

### MARKETING EDUCATION (DECA)

COURSE CODE (4440) • 4 CREDITS (E) • GRADE 12 • APPLICATION REQUIRED

Marketing is a program for seniors who would like to learn and experience the business world. Business careers and specific marketing skills are studied during the year. Types of marketing occupations are: banking, hotel/motel, small business ownership, sales, transportation, wholesale & distribution, fashion, grocery, automotive sales, advertising, public relations, restaurant services, and sports marketing.

The Marketing Education Program is comprised of four parts:

- 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.
- Retail Laboratory Experience – The Paw Print has been set up for Marketing Education students to experiment and learn retail operations and management skills. Students completely run the lab (store) from bookkeeping, bank deposits, advertising, and display, personnel, buying and selling, to managing.
- 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.
- 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.

### INTERNATIONAL BUSINESS (EFCTS)

COURSE CODE (00806) • 2 CREDITS •

GRADE 11-12 • APPLICATION REQUIRED

International Business is an Eastland-Fairfield Satellite program housed at Gahanna Lincoln High School. This school-to-college program prepares students for continuing education at the university level. Students have a unique opportunity to gain global perspective. The program integrates course work in business-related writing, reading, conversational Japanese, and communication skills for relevant career purposes. This curriculum, combined with the study of international trade, marketing, and business management practices coupled with information learned from guest speakers, field trips, and professional mentorships help students understand global cultures and the effect they have on the world economy.



# CAREER & TECHNICAL EDUCATION

THE MISSION OF VOCATIONAL EDUCATION IS TO PREPARE STUDENTS TO MAKE INFORMED CAREER CHOICES, TO ACHIEVE PERSONAL AND FAMILY GOALS AND TO SUCCESSFULLY ENTER, COMPETE, AND ADVANCE IN A CHANGING WORK WORLD. THIS MISSION WILL BE ACHIEVED THROUGH ORGANIZED PROGRAMS DESIGNED TO HELP STUDENTS DEVELOP COMPETENCY IN OCCUPATIONAL, ACADEMIC, AND EMPLOYABILITY SKILLS. THE STRENGTH OF VOCATIONAL EDUCATION IS ITS "REAL WORLD" ORIENTATION. LEARNING IS OFFERED THROUGH A PRACTICAL COMBINATION OF APPLIED ACADEMICS, "HANDS-ON" INSTRUCTION, AND SKILLS TRAINING.

CODE	COURSE	AGE	CREDIT
7460	CAREER BASED INTERVENTION	14 -15	3
8000	OCCUPATIONAL WORK EXPERIENCE	16+	3

GLHS ALSO OFFERS THE FOLLOWING VOCATIONAL PROGRAMS:

COURSE	PAGE
MARKETING EDUCATION	15
FAMILY & CONSUMER SCIENCES PROGRAMS AT EASTLAND AND FAIRFIELD CAREER CENTERS (E) ELECTIVE (R) REQUIRED	45 46-48

## **CAREER BASED INTERVENTION**

COURSE CODE (7460) • CREDIT 3 (E)

• AGES 14 - 15

This course is offered to students 14 or 15 years of age who had difficulty experiencing success in the middle school program. The middle school counselor and teacher-coordinator select them after counseling. The CBI program involves one period of academic work, one period of related work, and one period of an "in-school" or community job. Students take other required academic subjects of the high school curriculum.

## **OCCUPATIONAL WORK EXPERIENCE**

COURSE CODE (8000) • CREDIT 3 (E)

• AGES 16+

This course is offered to students 16 years of age or older who are having unusual difficulty in experiencing success in the regular school program. Students are selected after counseling by the school counselor and consultation with the teacher-coordinator. The OWE program involves two periods of class with the coordinator, plus other required academic subjects from the high school curriculum. On-the-job experience is provided by local cooperating businesses or industries for a minimum of fifteen hours per week. Development of proper work habits, attitudes and employer-employee relationships are stressed in class. Remedial work in the basic concepts of education and survival skills for the adult world are a part of the OWE class. Course credits are electives, or with special permission of the principal, as alternatives to required courses within the certification of the OWE teacher.



# COMPUTER SCIENCE

\*A COMPUTER COURSE IS RECOMMENDED FOR ALL COLLEGE-BOUND STUDENTS.

\*COMPUTER COURSES ARE NOT CONSIDERED MATH OR SCIENCE CREDITS.

CODE	COURSE	GRADE	CREDIT
2900	JAVA PROGRAMMING	10-12	1/2
2750	MULTIMEDIA PRODUCTION	10-12	1/2
2910	TECHNOLOGY SYSTEMS/LAB (2755)	10-12	1/2
2925	ADVANCED COMPUTER LANGUAGES	10-12	1/2
2950	ADVANCED WEB SITE PROGRAMMING	10-12	1/2

(E) ELECTIVE  
(R) REQUIRED

### JAVA PROGRAMMING

COURSE CODE (2900) • CREDIT 1/2 (E) • GRADES 10 - 12

#### **PREREQUISITE: INFORMATION TECHNOLOGY**

Java programming is an introductory class in the basics of programming computers. The course covers many of the programming topics as well as the 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.

### MULTIMEDIA PRODUCTION

COURSE CODE (2750) • CREDIT 1/2 (E) • GRADES 10 - 12

#### **PREREQUISITE: INFORMATION TECHNOLOGY.**

Multimedia refers to the integration of still and moving images, text, and sound by means of computer technology. Students will learn how to develop and publish multimedia products using various hardware and software, with an emphasis on Adobe Studio: Fireworks (Graphics) , Flash (Animation) and Dreamweaver (Web Site Design and Management) . In addition to learning technical know-how, students will exercise their imagination, organization, management, and originality skills daily.

### TECHNOLOGY SYSTEMS/LAB

COURSE CODE (2910 • LAB CODE 2755) • CREDIT 1/2 (E) LAB CREDIT 1/4 (E) • GRADES 10 – 12 FEE: \$30

#### **PREREQUISITE: PERMISSION OF THE INSTRUCTOR. AN APPLICATION IS REQUIRED FOR ACCEPTANCE.**

Technology Systems is designed to teach the integration of hardware, software, and networking concepts. This class will model the A+ certification curriculum. Students will also receive practical hands-on experience maintaining technology systems within the schools. Students may NOT sign up for a lab time concurrently. The lab class can only be taken with teacher permission after the Technology Systems class is completed (Code 2915). The lab can be repeated for credit multiple times.

### ADVANCED COMPUTER LANGUAGES

COURSE CODE (2925) • CREDIT 1/2 (E) • GRADES 10 - 12

#### **PREREQUISITE: JAVA PROGRAMMING**

Advanced Computer Languages will offer the highly motivated computer student the opportunity to develop deeper programming and logic skills. Students will be using a current language and will do some line programming as well as Object Oriented Programming. The current language is Java, but may change as the industry changes.

### ADVANCED WEB SITE PROGRAMMING

COURSE CODE (2950) • CREDIT 1/2 (E) • GRADE 10 – 12

#### **PREREQUISITE: MULTIMEDIA PRODUCTION AND PERMISSION FROM THE INSTRUCTOR. AN APPLICATION IS REQUIRED FOR ACCEPTANCE.**

This course will explore the most recent developments in Web Site design. Students will work at their own pace developing various types of Web pages. This course is limited only by the student's imagination, creativity, and work ethic.



# ENGLISH

## GRADUATION REQUIREMENTS: 4 CREDITS OF ENGLISH

CODE	COURSE	GRADE	CREDIT
1050	ENGLISH 9	9	1
1030	HONORS ENGLISH 9	9	1
1090	SPEECH	9-10	½
1065	ENGLISH 10	10	1
1080	HONORS ENGLISH 10/JOURNALISM	10	1
1075	HONORS ENGLISH 10/LITERATURE & COMP.	10	1
1110	ENGLISH 11	11	1
1108	ENGLISH 11 AFRICAN AMERICAN VOICE	11	1
1106	HONORS ENGLISH 11	11	1
1340	AP ENGLISH LANGUAGE & COMP	11-12	1
1343	AP LITERATURE	12	1
1330	ADVANCED COMPOSITION	12	½
1330ODU	ADV COMP DUAL CREDIT OPTION	12	1
1165	SENIOR LITERATURE SURVEY	12	½
1120	BRITISH LITERATURE	12	½
1226	CONTEMPORARY LITERATURE	12	½
1211	MODERN WORLD LITERATURE	12	½
1150	POPULAR LITERATURE	12	½
1315	SENIOR COMPOSITION	12	½
1336	E.S.L. BEGINNER ENGLISH	9-12	1
1335	E.S.L. TUTORING	9-12	½
1316	SCIENTIFIC LITERATURE & COMPOSITION I	12	½
1317	SCIENTIFIC LITERATURE & COMPOSITION II	12	½

### LANGUAGE ARTS

1320	DB CLASSIC FILM STUDIES	11-12	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
1400	COMMUNICATIONS	10-12	½
1415	INTRODUCTION TO VIDEO COMMUNICATION (T.V.)	10-11	½
1410	VIDEO COMMUNICATION & PUBLIC RELATIONS	11-12	1

(E) ELECTIVE  
(R) REQUIRED

### WRITING LAB

ENGLISH TEACHERS ARE ASSIGNED TO THE WRITING LAB EACH PERIOD TO SERVE AS TUTORS. THEY ARE AVAILABLE TO HELP STUDENTS IN ALL AREAS OF ENGLISH/LANGUAGE ARTS. STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THIS OPPORTUNITY TO RECEIVE EXTRA PROFESSIONAL HELP WITH THEIR ENGLISH COURSES.

#### 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, 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 through library experience.

#### 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. Honors English 9 students must complete a summer assignment consisting of reading the novel *Watership Down* and responding with objective and essay tests focused on this novel. 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, Theatre Appreciation, and all Communication and Performing Art classes.

## **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 / JOURNALISM**

COURSE CODE (1080) • CREDIT 1 (E/R) • GRADE 10 • PREREQUISITE: ENGLISH 9 OR HON ENG 9 WITH A GRADE OF B OR HIGHER, PERMISSION OF THE INSTRUCTOR, AND COMPLETION OF A SUMMER ASSIGNMENT.

This is an Honors English course, which students may take as an alternative to English 10 during the sophomore year. In this full-year course, which is a specialized writing and literature program, students will have the opportunity to learn to write various kinds of journalistic compositions, such as the lead, the news story, the interview story, the feature story, the personality story, the editorial, and the sports story.

Students will learn to write headlines and use proofreaders' marks, as well as study about press law. They will read and respond, both in discussion and in writing, to some of the same literature used in English 10 as well as to some additional journalistic literature, in addition to studying and using research skills to write a research paper. Students are expected to read the Columbus Dispatch newspaper and listen to TV and radio newscasts as preparation for current events quizzes and discussions. Students are also expected to buy and read the student newspaper, *Lion's Roar*. If students are interested in working on the school newspaper, *Lion's Roar*, or the school yearbook, *The Pride*, in the junior or senior years, they must take this course. Students enrolled in this course must complete a summer assignment successfully to remain in the course. The summer assignment can be obtained at the English office.

## **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, AND COMPLETION OF A SUMMER ASSIGNMENT.

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. Students must successfully complete a summer assignment to remain in this course. The summer assignment may be obtained in the English office – A 145.

## **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 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.

## **ENGLISH 11 / AFRICAN AMERICAN VOICE**

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

Students will survey American Literature with an emphasis on the African American perspective. The course will provide students with a greater awareness of the black experience 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 coursework 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.

## **HONORS ENGLISH 11**

COURSE CODE (1106) • CREDIT 1 (E/R) • GRADE 11  
**PREREQUISITE: ENGLISH 10 WITH A GRADE OF B OR HIGHER, PERMISSION OF THE INSTRUCTOR, AND COMPLETION OF A SUMMER ASSIGNMENT.**

Designed for the 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. The summer assignment can be obtained at the English office-A145.

## **ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION AP JOURNALISM**

COURSE CODE (1340) • CREDIT 1 (E) • GRADE 12 • FEE: \$86 •

**PREREQUISITE: AT LEAST 2 OF THE 3 FOLLOWING: HON ENG 9, HON ENG 10, HON ENG 11 WITH A GRADE OF B OR HIGHER IN EACH. IF NOT, STUDENT MUST HAVE WRITTEN RECOMMENDATION FROM JUNIOR YEAR ENGLISH TEACHER, SUBMIT A PORTFOLIO WITH THREE WRITING ASSIGNMENTS COMPLETED IN PREVIOUS ENGLISH CLASSES, AND COMPLETION OF A SUMMER ASSIGNMENT.**

Students will study critical reading and writing skills necessary for success in college. Some of the compositions students will write include a college application essay, an in-depth personality profile, a personal reminiscence column, a reflective column, an extended observation, a critical evaluation, an editorial, and an extensive in-depth investigative paper that will include the writing of a formal outline. Part of the second semester is spent preparing students to take the College Review Board Advanced Placement exam in English Language and Composition. (Students enrolling in Advanced Placement courses are required to take the A.P. exam.) Students taking this class may not schedule Advanced Composition or Senior Composition. Students must complete a summer assignment to remain in the course. The summer assignment can be obtained at the English office-A145. Students who did not take two honors English courses must submit three examples of their writing and a written recommendation from their current English teacher to be considered for the course. Acceptance to the course is then determined by the instructor.

## **ADVANCED PLACEMENT LITERATURE**

COURSE CODE (1343) • CREDIT 1 (E) • GRADE 12 • FEE: \$86 •  
**PREREQUISITE: ENGLISH 11 WITH A GRADE OF A, OR HONORS ENGLISH 11 WITH A GRADE OF B OR HIGHER OR PERMISSION OF THE INSTRUCTOR, AND COMPLETION OF THE SUMMER ASSIGNMENT.**

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 Advanced Placement Test scheduled in May. (Students enrolling in Advanced Placement courses are required to take the A.P. exam.) Summer reading is required. The summer assignment can be obtained at a meeting in June.

### **ADVANCED COMPOSITION**

COURSE CODE (1330) • CREDIT ½ (E) • GRADE 12 • PREREQUISITE: ENGLISH 11

Advanced Composition requires nightly homework, provides extensive writing experiences, and teaches organizational, time-management, and research skills. This class is designed to mirror a college-level freshman writing course. Because the teachers assume that students have mastered the fundamentals of grammar and composition, the assignments will focus on developing essay writing skills. Students are required to write an argumentative research paper which counts for the semester exam and will be required to type all assignments. Students who received a B or higher in previous English classes should select this course; those with lower than a B should choose Senior Composition.

### **ADVANCED COMPOSITION - ODU**

COURSE CODE (1330ODU) • CREDIT ½ (E) • GRADE 12 • FEE \$ 300  
PREREQUISITE: ENGLISH 11

This course offers .5 credit of high school English as well as 4 semester hours of optional college credit through Ohio Dominican University. The credit hours are transferable to any Ohio college or university and most out-of-state colleges or universities. In this course, students read and respond to literature, write compositions of different styles, and take their writing to the next level. Students submit two portfolios of their writing that exemplify their best work after extensive revising and editing. Students are encouraged to find their own writing voice and experiment with style. Some of the assignments include writing narratives, comparison/contrast essays, free-style essays, a memoir, literary analyses, journals, definition essays, and a research project. This course requires organization, independent work, and a willingness to challenge old writing habits.

### **SENIOR LITERATURE SURVEY**

COURSE CODE (1165) • CREDIT ½ (E) • GRADE 12 • PREREQUISITE: ENGLISH 10

This course is focused on reading and writing experiences. Students will examine units including but not limited to fiction, non-fiction, autobiographies and biographies. There is no assigned textbook, so students will take many notes, as well as complete quizzes, tests, response essays, and projects based on novels of choice and various works of literature. This course is not open to college prep students.

### **BRITISH LITERATURE**

COURSE CODE (1120) • CREDIT ½ (E) • GRADE 11-12 • PREREQUISITE: ENGLISH 11 OR PERMISSION OF BRITISH LITERATURE TEACHER. Students will study the development of British Literature from the Anglo-Saxon to Romantic Periods. Students will also look at the British people past and present-their royalty, their wars, and their

influence on other countries, like the United States. British Literature students will take quizzes and tests, write at least two papers, and will be expected to participate in class discussions. Students will read all types of literature, including a Shakespearean play. (COS – English Literature)

### **CONTEMPORARY LITERATURE**

COURSE CODE (1226) • CREDIT ½ (E) • GRADE 12 • PREREQUISITE: ENGLISH 11

For the college bound student, this class will allow students to develop and reinforce essay-writing skills as they read and evaluate major writings, which focus on contemporary topics and the condition of mankind. Students will analyze each selection through group discussion, extensive essay and journal writing, and individual and group presentations. Students will be assigned extensive reading on a daily basis.

### **MODERN WORLD LITERATURE**

COURSE CODE (1211) • CREDIT ½ (E) • GRADE 12 • PREREQUISITE: ENGLISH 11

For the college bound student, this class will help develop and reinforce writing skills in extended essay responses to literature. Students will read novels by authors from a variety of cultures and examine the common experience and conflicts of all peoples. Students will be assigned extensive reading on a daily basis.

### **POPULAR LITERATURE**

COURSE CODE (1150) • CREDIT ½ (E) • GRADE 12 • PREREQUISITE: ENGLISH 10

Students will read for enjoyment and discuss short stories and paperback books in and out of class every day. The books have modern themes and stories that appeal to teenagers. Tests, response essays, and discussions will evaluate students' understanding. This class should help students become better readers, but it is not a reading improvement course. **THIS COURSE IS NOT PART OF GLHS COLLEGE PREPARATORY CURRICULUM AND IS THEREFORE NOT OPEN TO COLLEGE PREP STUDENTS.**

### **SENIOR COMPOSITION**

COURSE CODE (1315) • CREDIT ½ (E) • GRADE 12

PREREQUISITE: ENGLISH 11

Senior composition requires nightly homework, provides extensive writing experiences, and teaches organizational, time-management, and research skills. This class is designed for students who wish to attend college but have difficulty in the fundamentals of good writing. Consequently, the course focuses on the improvement of rudimentary grammar, vocabulary, and composition skills in writing essays. Students are required to write a research paper. (It is recommended that those students who earned a B or higher in English 11 and plan to attend college take Advanced Composition instead.)

### **E.S.L. BEGINNER ENGLISH**

COURSE CODE (1336) • CREDIT 1 • GRADES 9-12

This course is designed for English as Second Language students only. The work done in this class is comparable to English 9. The students will study the different genres of literature, learn basic terms and vocabulary, as well as reading Romeo and Juliet and Of Mice and Men. This course is set up to work at a pace which will make E.S.L. students successful.

### **E.S.L. TUTORING**

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

This course is for students whose native language is not English and/or have recently moved to the United States. Emphasis will be given to teaching English at a level appropriate to each student's knowledge by oral and written work. A portion of this class will also be devoted to helping the students with other coursework being taken at the high school.

### **SCIENTIFIC LITERATURE & COMPOSITION I**

COURSE CODE (1316) • CREDIT 1/2 (E) • GRADE 11-12 • PREREQUISITE: ENGLISH 11 OR PERMISSION OF INSTRUCTOR. **THIS CLASS MUST BE TAKEN SIMULTANEOUSLY WITH SPECIAL ASPECTS (CODE 3240)**

For the college bound student, 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 the course include presentations in the GLHS Science Academy Symposium and possible competition in the Ohio Junior Science and Humanities Symposium.

### **SCIENTIFIC LITERATURE & COMPOSITION II**

COURSE CODE (1317) • CREDIT 1/2 (E) • GRADE 12 • PREREQUISITE: ENGLISH 11 OR PERMISSION OF INSTRUCTOR. **THIS CLASS MUST BE TAKEN SIMULTANEOUSLY WITH HONORS BIONICS (CODE 3220)**

For the college bound student, this class will help develop and reinforce reading, writing, vocabulary and research skills through exploration of scientific issues. Classic science fiction novels, short stories and movies will be analyzed and explored through reading, writing and discussions in both face-to-face and on-line formats. Collaborative

and work presentations will be emphasized in this course. Scientific ethics, self-preservation and quality of life issues as they relate biotechnology will be explored. Highlights include Project Centaur, which is the development of a prosthetic hand and Project Hippocrates, which centers around robotic surgery and cancer issues. (Any student taking this course will also be enrolled in Honors Bionics(3220), which is team taught the same period for 1 Science Lab Credit.

## LANGUAGE ARTS COURSE DESCRIPTIONS

### **DB CLASSIC FILM STUDIES**

COURSE CODE (1320) • CREDIT 1 (E) • GRADES 11 - 12

The purpose of this course is to develop knowledge of film history through the viewing and studying of classic motion pictures (with emphasis on those of the 1920s, 30s, 40s, 50s and 60s) that represent a broad range of genres. Students will also complete a foreign film unit. In addition, the students will develop a working vocabulary of film terms and acquire the critical tools necessary to analyze films. As students develop these skills, their appreciation, understanding, and critical sensibilities in connection to film as an art form will be heightened. Extensive reading and film viewing are required. Objective tests and quizzes, class discussions, and critical and informational essays will evaluate students' understanding. Students must create a film-on-video as a part of their exam.

### **THEATRE INTRODUCTION (VPA)**

COURSE CODE (1350) • CREDIT ½ (E) • GRADES 10 - 12

**PREREQUISITE: SPEECH PASSED WITH A "C" OR BETTER OR PERMISSION OF INSTRUCTOR.**

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. There is a performance-based final at the end of the semester.

**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 SCHOOL CALENDAR AT THE BEGINNING OF EACH SCHOOL YEAR.**

### **THEATRE APPRECIATION (VPA)**

COURSE CODE (1360) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: SPEECH PASSED WITH A "C" OR BETTER (THEATRE INTRODUCTION IS STRONGLY RECOMMENDED).

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

### **MUSICAL THEATRE (VPA)**

COURSE CODE (1370) • CREDIT ½ (E) • GRADES 10 - 12 • PREREQUISITE: SPEECH PASSED WITH A "C" OR BETTER, OR PERMISSION OF INSTRUCTOR.

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. Assessment will be both written and performance based. Class participation and discussion are required.

### **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, AND PERMISSION OF THE INSTRUCTOR. (APPLICATION AND AUDITION REQUIRED)

Please pick up an application from Mrs. Macioce in room A187.

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. This class is recommended for seniors, 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 -A187. 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, and 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 SCHOOL CALENDAR AT THE BEGINNING OF EACH SCHOOL YEAR.**

### **COMPETITIVE SPEECH AND DEBATE**

COURSE CODE (1390) • CREDIT ½ (E) • GRADES 10 - 12 • PREREQUISITE: SPEECH AND PERMISSION OF THE INSTRUCTOR (APPLICATION REQUIRED)

The purpose of this course is to give students a broad experience in the area of public performance. After a review of basic public speaking fundamentals, students will encounter new areas of communication such as the Lincoln-Douglas Debate, public forum debate, humorous and dramatic oral interpretation, impromptu, original oratory, extemporaneous speaking, and student congress. By enrolling in this class, students become members of the Speech and Debate team and will be required to compete in at least five tournaments. These tournaments are held on Saturdays in November, December, January and February. Students will be charged a one-time fee of \$15.00 for team membership. This is a performance and academic course. If students wish to enroll in this class, they will need the recommendation of one of their language arts teachers and/or an audition by the instructor and completed application form. (Considered a VPA at some colleges)

**ADVANCED COMPETITIVE SPEECH AND DEBATE**

COURSE CODE (1405) • CREDIT ½  
(E) • GRADES 11 – 12 •  
PREREQUISITE: COMPETITIVE SPEECH AND DEBATE AND PERMISSION OF THE INSTRUCTOR. In this course, students will receive advanced individual instruction in debate and other contest speaking events and will have the opportunity to compete in advanced level competition in debate, extemporaneous speaking, original oratory, impromptu, oral interpretation, and student congress. Students enrolling in this course must compete in six tournaments. These tournaments are held on Saturdays in November through February. Although this course is primarily performance-oriented, students are responsible for knowing theories and techniques in the area of communication covered in the course. (Considered a VPA some colleges)

**COMMUNICATIONS**

COURSE CODE (1400) • CREDIT ½  
(E) • GRADES 10 –12 •  
PREREQUISITE: A "C" OR HIGHER IN SPEECH  
Communications is a course designed for those students who wish to continue the study of speech and communication. Focus in *Communications* will be in the areas of perception, group discussion, advanced informative and persuasive speaking, mass media, professional presentation, motivation and leadership, nonverbal communication, conflict management, and current events debate. Preparing and presenting both individual and group performances will be a major portion of the course. All performances will be recorded and analyzed and this will become the student's portfolio. Students will be required to purchase a thumb drive. (Considered a VPA by some colleges.)

**INTRODUCTION TO VIDEO COMMUNICATION (T.V.)**

COURSE CODE (1415) • CREDIT ½  
(E) • GRADES 10 - 11  
PREREQUISITE: APPLICATION AND POSSIBLE AUDITION, SPEECH STRONGLY RECOMMENDED.  
This course is designed to offer students the opportunity to learn and use video and audio equipment, recordings, videotapes, and studio layout and shot sheets. This class provides creative writing and performing experiences that may involve the preparation of material to be broadcast over the local cable network. (Considered a VPA at some colleges)

**VIDEO COMMUNICATION AND PUBLIC RELATIONS**

COURSE CODE (1410) • CREDIT 1 (E) •  
GRADES 11 - 12  
PREREQUISITE: INTRODUCTION TO VIDEO COMMUNICATION OR PERMISSION OF THE INSTRUCTOR, AND APPLICATION AND POSSIBLE AUDITION.  
This course is designed to offer experience in producing and directing coverage of cultural, sports, and news events. Students will have the opportunity to learn about video and audio equipment, recording, videotapes, and studio layout and shot sheets. This class provides creative writing and performing experiences that involve the preparation of material to be broadcast over the local cable network. These programs are designed to showcase the ongoing educational programs throughout the district. The class is also responsible for delivering the daily announcements to the high school. (Considered a VPA at some colleges)



# FAMILY & CONSUMER SCIENCES

CODE	COURSE	GRADE	CREDIT
5530	CONCEPTS FOR LIFE I	9-10	1/2
5560	TRANSITIONS	9-10	1/2
5710	ADULT LIVING	11-12	1/2
5620	EXPERIENCES WITH FOODS	10-12	1/2
5645	ENTERTAINING WITH HEALTHY & SAFE FOODS	10-12	1/2

(E) ELECTIVE  
(R) REQUIRED

## **CONCEPTS FOR LIFE I (PERSONAL DEVELOPMENT)**

COURSE CODE (5530) • CREDIT 1/2 (E) • GRADES 9 - 10

The goal of this course is to help you make a smooth transition to high school. You will explore your personal uniqueness, strengths, gifts, and talents and learn strategies on how to successfully cope with common teen issues.

## **TRANSITIONS (FORMERLY CONCEPTS FOR LIFE II)**

COURSE CODE (5560) • CREDIT 1/2 (E) • GRADES 9 - 10

This course is designed to increase the student's ability to manage transitions to all facets of life. The students will study resource management and financial literacy to achieve personal and academic goals, become savvy consumers and take responsibility for a global environment.

## **ADULT LIVING**

COURSE CODE (5710) • CREDIT 1/2 (E) • GRADES 11 - 12

Ready to move out and live on your own as an adult? Want to learn adult survival skills? This course offers practical applications on financial literacy, parenting, positive relationships, marriage, meal planning, apartment hunting and car buying.

## **EXPERIENCES WITH FOODS**

COURSE CODE (5620) • CREDIT 1/2 (E) • GRADES 10 - 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.

## **ENTERTAINING WITH HEALTHY AND SAFE FOODS**

COURSE CODE (5645) • CREDIT 1/2 (E) • GRADES 10 - 12

Do you want to have fun and learn how to safely prepare nutritious foods that will help you maintain a healthy diet? This is a hands-on lab course that puts you in the kitchen and lets you develop your creative culinary skills. Learn how to entertain like famous chefs Rachel Ray and Emeril Lagasse in this exciting course!



# INTERNATIONAL LANGUAGES

CODE	COURSE	GRADE	CREDIT
1500	FRENCH I	9-12	1
1525	FRENCH II	9-12	1
1550	FRENCH III	10-12	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
1680	GERMAN V LANGUAGE (AP)	12	1
1700	LATIN I	9-12	1
1725	LATIN II	9-12	1
1750	LATIN III	10-12	1
1775	LATIN IV	11-12	1
1780	LATIN V	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
1880	SPANISH LANGUAGE V (AP)	12	1
1900	MANDARIN CHINESE I	9-12	1
1925	MANDARIN CHINESE II	9-12	1
1950	MANDARIN CHINESE III	9-12	1
1975	MANDARIN CHINESE IV	9-12	1

(E) ELECTIVE  
(R) REQUIRED

## FRENCH I

COURSE CODE (1500) • CREDIT 1 (E) • GRADES 9 - 12 • FEE: \$16  
In French I, the student will be provided an introduction to the French people and their language. Development of basic listening, speaking, writing, and reading skills as well as vocabulary building is emphasized. French culture is explored.

## FRENCH II

COURSE CODE (1525) • CREDIT 1 (E) • GRADES 9 - 12 • FEE: \$16 • PREREQUISITE: FRENCH I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
In French II, the student learns by studying the French people and their culture. Emphasis is placed on comprehension and vocabulary building. Basic forms of grammar are studied.

## FRENCH III

COURSE CODE (1550) • CREDIT 1 (E) • GRADES 10 - 12 • FEE: \$16 OR KEEP WORKBOOK FROM FRENCH II • PREREQUISITE: FRENCH II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
In French III, the student will begin to feel more comfortable using the French language, and will have more detailed practice in listening, speaking, and reading. Special attention is also given to grammar and elementary composition. The French way of life is studied in more detail.

## GERMAN I

COURSE CODE (1600) • CREDIT 1 (E) • GRADES 9 - 12 • FEE: \$16  
This course is designed to give the student a basic understanding of simple spoken and written German. Although time is given to conversation, major emphasis is placed on vocabulary building and the structure of the language. In-class activities include drills, question-answer practice, games, dialogues, and skits. Projects are given to enhance cultural aspects of the language.

## GERMAN II

COURSE CODE (1625) • CREDIT 1 (E) • GRADES 9 - 12 • FEE: \$16 • PREREQUISITE: GERMAN I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
This course is designed to give the student an understanding and working knowledge of relatively complex spoken and written German. This includes major grammatical, verbal, cultural, and vocabulary items in German. The cultural aspects of Germany and other German speaking countries are studied in detail. In-class activities include drills, question-answer practice, games, dialogues, skits, and interviews.

## GERMAN III

COURSE CODE (1650) • CREDIT 1 (E) • GRADES 10 - 12 • FEE: \$16 OR KEEP WORKBOOK FROM GERMAN II • PREREQUISITE: GERMAN II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

Emphasis is placed on more advanced forms of grammar and vocabulary. The student will continue to learn to express himself/herself orally and in writing. A survey of German culture is included throughout each chapter.

## GERMAN IV

COURSE CODE (1675) • CREDIT 1 (E) • GRADES 11 - 12 • FEE: \$16 • PREREQUISITE: GERMAN III WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
In German IV the student will polish his or her language skills because emphasis is placed on more oral communication. A continuation of grammar and vocabulary study at the advanced level is included. Short readings from authentic German authors become the basis of the reading selections of each chapter.

## GERMAN LANGUAGE V (ADVANCED PLACEMENT)

COURSE CODE (1680) • CREDIT 1 (E) • GRADE 12 • FEE: \$86 (TEST) • PREREQUISITE: GERMAN IV WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
This course emphasizes the use of German for active communication. The stress is on readings with oral discussions, work in grammar, advanced composition, and conversation. Readings include items from newspapers and magazines, contemporary fiction, and non-technical writings. (Students enrolling in Advanced Placement courses are required to take the A.P. exam.)

### **LATIN I**

COURSE CODE (1700) • CREDIT 1 (E)  
• GRADES 9 - 12 • FEE: \$16  
This course includes the basic vocabulary and grammar of the language. The student will acquire the ability to read and understand ideas in Latin. The course helps to increase knowledge of English vocabulary and grammatical construction. Students are introduced to Roman mythology and Roman history.

### **LATIN II**

COURSE CODE (1725) • CREDIT 1 (E)  
• GRADES 9 - 12 • FEE: \$16 •  
PREREQUISITE: LATIN I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
The student will use vocabulary and grammar learned in Latin I. More advanced forms of grammar are also taught along with increased reading comprehension. Students continue to explore themes of Roman mythology and Roman history.

### **LATIN III**

COURSE CODE (1750) • CREDIT 1 (E)  
• GRADES 10 - 12 • FEE \$16 •  
PREREQUISITE: LATIN II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
This course is the study of great Latin writers of the Republic and Empire including a glimpse of Medieval Latin writers such as Petrarch and Aeneas Silvius. Other writers to be included are Cicero, Seneca, Sallust, Virgil, Catullus, Pliny, and Plautus. These selections cover prose, rhetoric, poetry, both verse and epic letters, and plays. This course includes a study of Roman history and mythology through the selections from these Latin authors.

### **LATIN IV**

COURSE CODE (1775) • CREDIT 1 (E)  
• GRADE 11-12 • FEE \$16 •  
PREREQUISITE: LATIN III WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
Latin IV affords the opportunity for an overview of Roman contribution from the Republic through the Middle Ages. Literary selections from Vergil as well as historical supplemental tracts to provide the bases of readings. The students will be expected to read and write in Latin as well as study in detail the cultural and historical aspects of Roman civilization. **ALTHOUGH THIS IS NOT OFFICIALLY AN AP CLASS, STUDENTS MAY HAVE THE OPTION TO TAKE THE AP EXAM IN MAY.**

### **LATIN V**

COURSE CODE (1780) • CREDIT 1 (E)  
• GRADE 11-12 • FEE \$16 (PLUS OPTIONAL AP EXAM)  
• PREREQUISITE: LATIN IV WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
Latin V may combine with Latin IV students and continue the exploration of Roman contributions from the Republic through the Middle Ages. Literary

selections will include Catullus and Ovid and historical texts. The students will be expected to read and write in Latin, analyze and compare literary pieces and themes correlating these to the cultural and historical aspects of the Roman civilization. **ALTHOUGH THIS IS NOT OFFICIALLY AN AP CLASS, STUDENTS MAY HAVE THE OPTION TO TAKE THE AP EXAM IN MAY.**

### **SPANISH I**

COURSE CODE (1800) • CREDIT 1 (E)  
• GRADES 9 - 12 • FEE: \$16  
Spanish I is designed to give the student a basic understanding and working knowledge of simple spoken and written Spanish. Although considerable time is given to the conversational aspects of the language, major emphasis is on the basic structures and vocabulary. The cultures of the major Spanish-speaking areas of the world are also studied.

### **SPANISH II**

COURSE CODE (1825) • CREDIT 1 (E)  
• GRADES 9 - 12 • FEE: \$16 •  
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 • FEE: \$16 •  
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 AS WELL AS COMPLETE A SUMMER ASSIGNMENT.

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. Students electing to enroll in this class must complete a summer assignment involving Spanish I vocabulary and very review, as well as a cultural assignment. Completion of a summer assignment is required.

### **SPANISH III**

COURSE CODE (1850) • CREDIT 1 (E)  
• GRADES 10 - 12 • FEE: \$16 OR  
KEEP WORKBOOK FROM

**SPANISH II • 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.

### **HONORS SPANISH III**

COURSE CODE (1855) • CREDIT 1 (E)  
• GRADES 10 - 12 • FEE: \$16 •  
PREREQUISITE: COMPLETION OF SPANISH II OR HONORS SPANISH II WITH A GRADE OF "B" OR HIGHER, PERMISSION FROM THE INSTRUCTOR AND COMPLETION OF A SUMMER ASSIGNMENT.

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. Students must complete a summer assignment which includes Spanish II vocabulary and review as well as a writing assignment. Completion of a summer assignment is required.

### **SPANISH IV**

COURSE CODE (1875) • CREDIT 1 (E)  
• GRADES 11 - 12 • FEE: \$16 •  
PREREQUISITE: SPANISH III WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.  
Spanish IV emphasizes polishing language skills. Students are expected to speak Spanish in the classroom, read short stories, make presentations in the target language, and write essays in Spanish as well as continue with vocabulary and grammar study. The Hispanic cultures are again studied through arts, literature, music, and video.

### **SPANISH LANGUAGE V (ADVANCED PLACEMENT)**

COURSE CODE (1880) • CREDIT 1 (E)  
• GRADE 12 • FEE: \$106 (TEST PLUS WORKBOOK) • PREREQUISITE:  
SPANISH IV WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

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

(Students enrolling in Advance Placement-courses are required to take the A.P. exam).

### **MANDARIN CHINESE I**

COURSE CODE (1900) • CREDIT 1 (E)

• GRADES 9 - 12 • FEE: \$16

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: \$16 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.



# MATH

## GRADUATION REQUIREMENT CLASS OF 2011-2012: 3 CREDITS OF MATH CLASS OF 2014-2015: 4 CREDITS OF MATH

CODE	COURSE	GRADE	CREDIT
3700	INTEGRATED MATH I	9-12	1
3710	INTEGRATED MATH II	9-12	1
3715	ALGEBRA II CORE	11-12	1
3720	ALGEBRA I	9-12	1
3735	APPLIED GEOMETRY	11-12	1
3750	GEOMETRY	9-12	1
3751	HONORS GEOMETRY	9-12	1
3780	ALGEBRA II	9-12	1
3781	HONORS ALGEBRA II	9-12	1
3785	DISCRETE MATHEMATICS	11-12	½
3790	PROBABILITY AND STATISTICS	11-12	½
3811	PRE-CALCULUS I	11-12	½
3841	PRE-CALCULUS II	11-12	½
3850	HONORS PRE-CALCULUS	11-12	1
3855	ADVANCED PLACEMENT CALCULUS AB	11-12	1
3860	ADVANCED PLACEMENT CALCULUS BC	11-12	1
3865	ADVANCED PLACEMENT STATISTICS	11-12	1

(E) ELECTIVE  
(R) REQUIRED

### MATH LAB

MATH TEACHERS ARE ASSIGNED EACH PERIOD TO TUTOR IN THE MATH LAB. 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.

### GRAPHING CALCULATOR RECOMMENDATION

THE MATHEMATICS DEPARTMENT RECOMMENDS THAT EACH STUDENT ENROLLED IN A MATH CLASS AT THE ALGEBRA II LEVEL AND BEYOND 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.) MOST STUDENTS PREFER TO OWN THEIR OWN CALCULATOR BUT THE SCHOOL HAS A LIMITED NUMBER OF CALCULATORS FOR STUDENT LOAN. A LEASE AGREEMENT IS SIGNED BY BOTH STUDENT AND PARENT AGREEING TO REPLACE THE CALCULATOR IF IT IS LOST OR STOLEN.

#### INTEGRATED MATH I

COURSE CODE (3700) • CREDIT 1 (E) • GRADES 9 - 12

**PREREQUISITE: NO PREVIOUS HIGH SCHOOL MATH CREDIT.**

Integrated Math I is the first course in a two-course series designed to help the student achieve competency in algebra. This course and its successor, Integrated Math II, would be equivalent to a full year Algebra I and cover Geometry and data analysis concepts required for graduation tests. A review of arithmetic is integrated within an algebraic setting. Topics covered will include signed numbers, linear equations and inequalities, measurement, polynomials, factoring, rational expressions, data analysis, and problem solving skills. Calculators will be used to aid student understanding. It is recommended students use a TI – 30XIIS calculator.

Geometry foundation. Topics covered include probability, functions, graphing, systems of equations, rational expressions, radical expressions, and introduction to quadratic equations. Calculators will be used to aid student understanding. It is recommended students use the TI - 30XIIS calculator.

#### ALGEBRA II CORE

COURSE CODE (3715) • CREDIT (1) (E) • GRADES 11-12

**PREREQUISITE: SUCCESSFUL COMPLETION OF APPLIED GEOMETRY**

This course is a continuation of the topics from Integrated Math I and Integrated Math II. It is intended to meet the state CORE requirements for Algebra II. Topics will include, but not be limited to: linear, quadratic, rational, higher order polynomials and exponential functions. Function operations, inverse functions and piecewise functions will also be a part of the CORE content. The study of linear and nonlinear equations, inequalities, and systems will also be included. Focus will be on the application of Algebra topics and the use of technology as an aid in student understanding. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

#### ALGEBRA I

COURSE CODE (3720) • CREDIT 1 (E) • GRADE 9 – 12 • PREREQUISITE: PRE-ALGEBRA WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

Algebra I is a course designed to examine further the real number system, including rational and irrational numbers. Students are challenged to apply the properties and skills they have acquired to solve a variety of problems encountered in everyday life. Through the use of variables and variable equations, this course examines positive and negative numbers, polynomials, factoring, functions, linear equations, graphing, inequalities, and quadratic equations. Calculators will be used to aid student understanding. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

#### APPLIED GEOMETRY

COURSE CODE (3735) • CREDIT 1 (E) • GRADE 11-12 • PREREQUISITE:

ALGEBRA B WITH A C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

It is the third course in the Integrated Math I and Integrated Math II sequence. This course covers the same topics as regular geometry in a less rigorous

#### INTEGRATED MATH II

COURSE CODE (3710) • CREDIT 1 (E) • GRADES 9 - 12

**PREREQUISITE: INTEGRATED MATH I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Integrated Math II is the second course in a two-year Algebra I and basic Geometry skills class series designed to aid students in building a strong algebraic and basic

format. More attention is given to the application of geometric principles. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **GEOMETRY**

**COURSE CODE (3750) • CREDIT 1 (E) • GRADES 9 – 12 • PREREQUISITE: ALGEBRA I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

This course is intended for the college-bound student. Geometry is a subject in which students explore the relationships among points, lines and planes in 2 and 3 dimensions. Students learn to investigate and verify properties of geometric figures. Particular emphasis is placed on linking geometric concepts to previous mathematical concepts. Topics studied in this course include: parallel lines and planes, polygons, congruent and similar figures, right triangles, the Pythagorean Theorem, an introduction to trigonometry, circles, areas of plane figures, volumes and surface areas of solids, coordinate geometry, and constructions. This course requires an in-depth approach from students and encourages them to explore many real world applications. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **HONORS GEOMETRY**

**COURSE CODE (3751) • CREDIT 1 (E) • GRADES 9 – 12 • 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 enrichment topics. Projects related to the study of Geometry will constitute a portion of the student's grade. One project will include a model, a paper, and a presentation.

### **ALGEBRA II**

**COURSE CODE (3780) • CREDIT 1 (E) • GRADES 9 – 12 • PREREQUISITE: GEOMETRY OR APPLIED GEOMETRY WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

This course reviews the algebraic concepts introduced in Algebra I and Geometry including further study of relations and functions, linear and quadratic equations, inequalities, systems of equations, polynomials, rational expressions, and irrational numbers. New topics include systems of inequalities, linear programming, matrices, determinants, the complex number system, quadratic functions and relations, conic sections, polynomial functions and equations. Graphing calculators are used to support and confirm many algebraic concepts. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **HONORS ALGEBRA II**

**COURSE CODE (3781) • CREDIT 1 (E) • 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. Several mini-projects related to the study of Algebra II concepts will constitute a portion of the student's grade. One project will include a model, a paper, and a presentation. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **DISCRETE MATHEMATICS**

**COURSE CODE (3785) • CREDIT ½ (E) GRADES 11 – 12 • PREREQUISITE: ALGEBRA II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Discrete Mathematics focuses on developing creative problem solving and algorithmic thinking skills through interesting, real world problems. The course will introduce students to discrete math topics not offered in the traditional curriculum, such as graph theory, social decision-making, matrices, and recursion. \*See Graphing Calculator Recommendation

### **PROBABILITY AND STATISTICS**

**COURSE CODE (3790) • CREDIT ½ (E) GRADES 11 - 12**

**PREREQUISITE: ALGEBRA II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

This one-semester course studies the concepts of probability the first nine weeks and statistics the second nine weeks. The probability portion of the course focuses on problem solving, involving combinations and permutations as well as computing probabilities and odds for the success or failure of an event. The statistics portion of the course will involve data analysis to organize, analyze and make predictions about interesting, real-world data. \*See Graphing Calculator Recommendation

### **PRE-CALCULUS I**

**COURSE CODE (3811) • CREDIT ½ (E) • GRADES 11 – 12 • PREREQUISITE: ALGEBRA II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Pre-Calculus I is a one-semester course emphasizing algebra, elementary functions and trigonometry. A graphing approach is used to investigate the nature of graphs. Topics include linear functions and relations, rational and trigonometric functions. Calculators will be used to aid student understanding. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **PRE-CALCULUS II**

**COURSE CODE (3841) • CREDIT ½ (E) • GRADES 11 – 12 • PREREQUISITE: PRE-CALCULUS I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Pre-Calculus II is a one-semester course emphasizing trigonometry, exponential and logarithmic functions. Topics include graphs of inverses of trigonometric functions, trigonometric identities and equations, vectors, and parametric equations, polar coordinates, series and sequences, and complex numbers. Calculators will be used to aid student understanding. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **HONORS PRE-CALCULUS**

**COURSE CODE (3850) • CREDIT 1 (E) • GRADES 11 - 12**

**PREREQUISITE: ALGEBRA II WITH A GRADE OF B OR HIGHER AND TEACHER RECOMMENDATION.**

This year-long course is intended for students who plan to take Calculus in their senior year. Topics include the development of functions and the nature of their graphs. Polynomial, rational, trigonometric, exponential, and logarithmic functions will be studied. Additional topics will include polar coordinates, complex numbers, probability, vectors, and sequences and series. Projects related to the study of Pre-Calculus will constitute a portion of the student's grade. One project will include a model, a paper, and a presentation. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **ADVANCED PLACEMENT CALCULUS AB**

**COURSE CODE (3855) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: \$86**

**PREREQUISITE: PRE-CALCULUS WITH A GRADE OF B OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Advanced Placement 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.

### **ADVANCED PLACEMENT CALCULUS BC**

**COURSE CODE (3860) • CREDIT 1 (E) • GRADES 11 – 12 • FEE: \$86**

**PREREQUISITE: AP CALCULUS AB WITH A GRADE OF "B" OR HIGHER, OR HONORS PRE-CALCULUS WITH PERMISSION OF THE INSTRUCTOR.**

Advanced Placement 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.

### **AP STATISTICS**

**COURSE CODE (3865) • CREDIT 1 (E) • GRADES 11 – 12 • PREREQUISITE: ALGEBRA 2 WITH A GRADE OF "B" OR HIGHER • FEE: \$86**

The collection, processing, interpretation, and presentation of numerical data all belong to the domain of statistics. This course will stress the development of statistical thinking, the assessment of credibility and the value of the inferences made from data, both by those who consume them and those who produce

them. Students need little or no background in statistics. Students taking this course must take the AP Statistics Examination. (College credit and placement vary from school to school.)



# MUSIC

CODE	COURSE	GRADE	CREDIT
6500	MUSIC HISTORY & APPRECIATION I	10-12	1/2
6530	MUSIC HISTORY & APPRECIATION II	10-12	1/2
6540	JAZZ MUSIC: HISTORY, THEORY, PRACTICE	10-12	1/2
6560	HONORS HARMONY AND THEORY	11-12	1
<b>VOCAL MUSIC</b>			
6590	FRESHMAN CHOIR (BOYS)	9	1
6591	FRESHMAN CHOIR (GIRLS)	9	1
6640	SOPRANO-ALTO CHOIR	10-12	1
6642	TENOR-BASS CHOIR	10-12	1
6650	ACAPPELLA CHOIR	10-12	1
6680	CHORALE	10-12	1
<b>INSTRUMENTAL MUSIC</b>			
6710	FRESHMAN BAND)	9	1
6711	JAZZ BAND	9-12	1
6740	MARCHING/CONCERT BAND	10-12	1
6712	CONCERT BAND (FALL SPORT PARTICIPANT)	10-12	3/4
6770	ORCHESTRA	9-12	1
6800	FLAG CORPS	10-12	1/4

(E) ELECTIVE  
(R) REQUIRED

## MUSIC HISTORY AND APPRECIATION I (VPA)

COURSE CODE (6500) • CREDIT 1/2  
(E) • GRADES 10 - 12

Music History and Appreciation I is a first semester course geared to both the serious music student and the non-performer with an interest in the origins of various types of music. This course will cover in detail the basic elements of music such as melody, harmony, rhythm, form and style and their relationship to music of the great composers. The student will study music from the historical aspect surrounding various artistic periods. Special emphasis will be placed upon music from the Middle Ages through the Classical Era.

## MUSIC HISTORY AND APPRECIATION II (VPA)

COURSE CODE (6530) • CREDIT 1/2  
(E) • GRADES 10 - 12

Music History and Appreciation II is a second semester course designed to be a continuation of Music History and

Appreciation I. This course is geared to both the serious music student and the non-performer with an interest in the origins of various types of music. After a brief review of the musical elements and their relationship to the music of the great composers, the student will study music from the historical aspect surrounding various artistic periods. Special emphasis will be placed upon music from the Classical Era through the Twentieth Century. Previous enrollment in Music History and Appreciation I is recommended but not required.

## JAZZ MUSIC: HISTORY, THEORY, PRACTICE

COURSE CODE (6540) • CREDIT 1/2  
(E) • GRADE 10 - 11 - 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 to the present day. In addition to listening to analyzing various styles and musicians, the student will

practice the art of improvisation. A study of 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 (AVAILABLE FROM YOUR MUSIC TEACHER) AND ACTIVELY INVOLVED BAND, CHOIR, OR ORCHESTRA MEMBERS OR EXPERIENCED PIANO STUDENTS.**

Harmony and theory is limited to 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.

## VOCAL MUSIC

### FRESHMAN CHOIR (VPA)

COURSE CODE BOYS (6590)  
GIRLS(6591) • CREDIT 1 (E) • GRADE 9

#### **PREREQUISITE: NO AUDITION**

This course is open to all freshmen with the recommendation of the middle school teacher. This is a building and training group preparing for acceptance into the other three choral groups. This choir will participate in 4 to 6 concerts a year.

Attendance at these 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. Student must be able to match pitch within the first three weeks to remain in this choir.

### SOPRANO-ALTO CHOIR (VPA)

COURSE CODE (6640) • CREDIT 1 (E)  
• GRADES 10 - 12

#### **PREREQUISITE: AUDITION REQUIRED**

The Soprano-Alto Choir is for the serious student interested in choral singing. Much detail will be given to the fundamentals of voice production and a general knowledge of music. Musical works of a more serious nature will be performed at four or five concerts a year.

Attendance at contests, concerts, and extra rehearsals is required.

### **TENOR-BASS CHOIR (VPA)**

COURSE CODE (6642) • CREDIT 1 (E)  
• GRADES 10 - 12

#### **PREREQUISITE: AUDITION REQUIRED**

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

should have a least one year of previous choral experience.

### **ACAPPELLA CHOIR (VPA)**

COURSE CODE (6650) • CREDIT 1 (E)  
• GRADES 10 – 12

#### **PREREQUISITE: AUDITION REQUIRED**

The Acappella 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 four or five concerts a year. Attendance at contests, concerts, and extra rehearsals is required. You should

have at least one year of previous choral experience.

### **CHORALE (VPA)**

COURSE CODE (6680) • CREDIT 1 (E)  
• GRADES 10 - 12

#### **PREREQUISITE: AUDITION REQUIRED**

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

## **INSTRUMENTAL MUSIC**

### **FRESHMAN BAND (VPA)**

COURSE CODE (6710) • CREDIT 1 (E)  
• GRADE 9

#### **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. An enrichment of the course is provided by formal concerts, public performance, and additional participation in local, district, and state music contests and festivals.

### **JAZZ BAND (VPA)**

COURSE CODE (6711) • CREDIT 1 (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, and drum set. Participation is also limited to specific numbers of instruments to create proper balance within the ensembles. November 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

#### **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. The aesthetic experiences and values to be acquired through performance are limited only by the limitations of the individual student. Participants 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.

### **CONCERT BAND (VPA)**

COURSE CODE (6712) • CREDIT ¾  
(E) • GRADES 10 – 12

#### **PREREQUISITE: SUCCESSFUL COMPLETION OF PREVIOUS YEAR'S BAND WITH A MINIMUM FINAL AVERAGE OF 70 PERCENT STUDENT/PARENT/BAND DIRECTOR CONFERENCE TO DISCUSS THE IMPLICATIONS OF NON- PARTICIPATION IN MARCHINGBAND, AND BONAFIDE MEMBERSHIP IN EITHER GLHS FALL SPORT OR A DOCTOR'S EXCUSE EXEMPTING THE STUDENT FOR HEALTH REASONS. PERMISSION OF THE INSTRUCTOR IS REQUIRED. STUDENTS MUST CONTINUE TO UTILIZE PLAYING SKILLS "OFF SEASON," AS INSTRUCTOR RESERVES THE RIGHT TO DENY MEMBERSHIP IN THIS COURSE AS A RESULT OF A POOR OCTOBER PLACEMENT AUDITION.**

This course is designed exclusively for the student with a health concern or the fall sport participant who, due to time and logistical constraints, is unable to meet the requirements of marching band. Individuals with a health concern or the fall sport participant who, during the first nine weeks, will audition for Concert Band placement, and then participate second, third, and fourth nine weeks, contingent upon a passable

audition. See Marching/Concert Band for further description of this course.

### **ORCHESTRA (VPA)**

COURSE CODE (6770) • CREDIT 1 (E)  
• GRADES 9 – 12

#### **FEES: UNIFORM CLEANING FEE \$10. NEW STUDENTS NEED TO PURCHASE A TUXEDO SHIRT. (INFORMATION PROVIDED AT THE BEGINNING OF THE YEAR)**

#### **PREREQUISITE: SUCCESSFUL COMPLETION OF PRIOR STRING ORCHESTRA PARTICIPATION WITH A MINIMUM FINAL AVERAGE OF 70 PERCENT. STUDENTS WHO HAVE NOT PARTICIPATED IN STRING ORCHESTRA IN THE PREVIOUS ACADEMIC YEAR WILL BE REQUIRED TO AUDITION AND MUST HAVE PERMISSION OF THE DIRECTOR.**

The orchestra provides an approach to the study of music through the medium of performance. The aesthetic experiences and values acquired are limited only by one's desire for musical knowledge and a capacity to absorb the material. Each student in the orchestra is encouraged to discover and develop his or her own abilities to the fullest through participation in large groups, small groups, solo performances. Enrichment of the course is provided through additional public performances, formal concerts, and adjudicated festivals on local, district, regional, and state levels.

### **FLAG CORPS (VPA)**

COURSE CODE (6800) • CREDIT ¼  
(E) • GRADES 10 - 12

#### **PREREQUISITE: SUCCESSFUL COMPLETION OF AUDITION PROCESS IN MAY, PARTICIPATION IN SUMMER ACTIVITIES, AND MARCHING BAND CAMP.**

This is an auxiliary group with the Marching Band meeting during the first nine weeks of the school year.



# PHYSICAL EDUCATION & HEALTH

## GRADUATION REQUIREMENT: PHYSICAL EDUCATION, PHYSICAL EDUCATION II, AND 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.

CODE	COURSE	GRADE	CREDIT
7050	PHYSICAL EDUCATION I	9	1/4
-----	PHYSICAL EDUCATION II (CHOOSE ONE OF THE FOLLOWING)	10	1/4
7150	* OPTION 1 – LIFETIME SPORTS AND ACTIVITIES		
7155	* OPTION 2 – LIFETIME FITNESS		
7300	ADAPTIVE PHYSICAL EDUCATION	9-12	1/4
7250	ADVANCED PHYSICAL EDUCATION	11-12	1/4
<b>HEALTH</b>			
7350	HEALTH	10	1/2
7400	HEALTH ISSUES (FORMERLY ADV. HEALTH)	11-12	1/2
7410	ATHLETIC HEALTH CARE	11-12	1/2
7270	INTRODUCTION TO EXERCISE PHYSIOLOGY	11-12	1/2
7290	ADVANCED EXERCISE PHYSIOLOGY I	11-12	1/2

(E) ELECTIVE  
(R) REQUIRED

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

### PHYSICAL EDUCATION I

COURSE CODE (7050) • CREDIT 1/4  
(R) • GRADE 9

The major 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 sports. In addition, the students will be involved in a wide range of fitness activities designed to improve each student's fitness level. All classes are co-educational. Minimal fees will be acquired to cover PE uniforms and locks for lockers.

### PHYSICAL EDUCATION II

CREDIT 1/4 (R) • GRADE 10

This course gives the students two options. **STUDENTS MUST SELECT ONE OF THE OPTIONS AND MAY NOT CHANGE THEIR SELECTION AT A LATER DATE.**

Students need to select the option that best fits their personal interests and needs.

### OPTION 1 • LIFETIME SPORTS AND ACTIVITIES •

CODE (7150)

**PREREQUISITE: PHYSICAL EDUCATION**

The objectives of this course are continued development of lifetime sports skills and the improvement of personal fitness levels through daily participation in a variety of sports and activities. New activities and sports will be introduced. All classes are coeducational. Minimal fees will be required to cover field trips expenses, PE uniforms, and locks for lockers.

### OPTION 2 • LIFETIME FITNESS •

CODE (7155)

The objectives of this course are to improve a student's fitness level and to give the students the opportunity to exercise within the school day. Students will participate in a weight-training program individualized conditioning activities and sports that will help them reach their individual personal goals.

This class will benefit those students who want to increase strength, lose/gain weight, increase muscle tone and mass, increase cardiovascular endurance, and achieve other fitness goals. All classes are coeducational. Minimal fees will be required to cover field trip expenses and locks for PE lockers.

### ADAPTIVE PHYSICAL EDUCATION

COURSE CODE (7300) • CREDIT 1/4  
(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 co-educational. Minimum fees will be required to cover field trip expenses.

### ADVANCED PHYSICAL EDUCATION

COURSE CODE (7250) • CREDIT 1/4  
(E) • GRADES 11 - 12

### **PREREQUISITE: PHYS ED I AND II**

This is an elective course open to juniors and seniors who have successfully completed Physical Education I and II. The objective of the course is to provide students with the opportunity to pursue advanced techniques and skills in physical education. This course cannot be repeated for credit. Areas to be covered may include: softball, flag football, frisbee golf, ultimate frisbee, soccer, speedball, volleyball, table tennis, bowling, basketball, paddleball, canoeing, golf, mat ball, track, tennis, or battle ball. Since some of these activities take place outside of the school, there will be a cost to students to participate. If a student elects to take this course, he/she is expected to take part in these activities.

# HEALTH COURSE DESCRIPTIONS

## **HEALTH**

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

Health is a required semester course which includes the study and discussion of self-responsibility for wellness, mental health, stress management, family and social health, growth and development, nutrition, exercise and fitness, benefits of a lifestyle without alcohol, tobacco and other drugs, safety and first aid, non-communicable diseases, communicable diseases, and health careers.

## **HEALTH ISSUES**

**COURSE CODE (7400) • CREDIT ½ (E) • GRADES 11 - 12 • FEE: \$20.00 •**

**PREREQUISITE: HEALTH WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Health Issues is a semester course designed for those juniors and seniors interested in exploring health issues or pursuing health careers. Students will have an opportunity to become certified in Red Cross Community First Aid and Safety which includes certification in adult, child, and infant CPR as well as first aid. The course fee will cover the costs of mannequin rental and equipment which is determined by the American Red Cross. Health issues discussed in class include the social aspects of HIV/AIDS, stress management, death and dying, chemical dependency, community health resources, and responsible relationship skills.

## **ATHLETIC HEALTH CARE**

**COURSE CODE (7410) • CREDIT ½ (E) • GRADE 11 – 12 •**

**PREREQUISITE: HEALTH WITH A GRADE OF "C" OR HIGHER AND PERMISSION OF THE INSTRUCTOR.**

This course explores the exciting and growing field of Sports Medicine, with an emphasis on the role and skills of an athletic trainer. Injuries common to athletics will be discussed as well as typical treatments. Other areas of discussion will center on prevention of injury, and the safe return to play after injury or surgery and rehabilitation. Basic anatomy and some physiology will be covered. A service requirement may be utilized. A term paper is required.

## **INTRODUCTION TO EXERCISE**

### **PHYSIOLOGY**

**COURSE CODE (7270) • CREDIT ½ (E) • GRADES 11 – 12 •**

**PREREQUISITE: PHYSICAL EDUCATION I AND LIFETIME FITNESS**

This enthusiastic class is designed as an extension of the Lifetime Fitness course (7155). Students will explore how and why exercise, as well as nutrition, benefits all wellness components of the body: mental, emotional, physical and social health. Students will create individual fitness plans to enhance and meet such goals. Students' choice will guide instruction in the type of weight lifting, flexibility, nutrition, and cardio-training activities they engage in. Students will use their knowledge of overall wellness to design projects revolving around real world health problems such as our nation's obesity epidemic and the concern for school lunch menu options.

## **ADVANCED EXERCISE**

### **PHYSIOLOGY I**

**COURSE CODE (7290) • CREDIT ½ (E) • GRADES 11 – 12 •**

**PREREQUISITE: INTRODUCTION TO EXERCISE PHYSIOLOGY**

Have you heard of the phrase, "you are what you eat?" This high-energy class is an extension and continuation of Introduction to Exercise Physiology (7270). Students will take an in-depth look at nutrition and the effects it has on overall wellness. The fitness programs will include both weight training and aerobic training activities. Students will create projects for self and others to improve overall wellness, as well as explore careers in the health and wellness field. Student choice will guide the topics explored, as well as the method for presenting information to a larger, authentic audience.



# SCIENCE

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

CODE	COURSE	GRADE	CREDIT
3040	INTEGRATED SCIENCE	9	1
3145	BIOLOGY	10-12	1
3150	AP BIOLOGY	11-12	1
3175	DB ENVIRONMENTAL SCIENCE	10-12	1
3310	ANATOMY AND PHYSIOLOGY	10-12	1/2
3360	CHEMISTRY	10-12	1
3370	DB CHEMISTRY	10-12	1
3440	CHEMISTRY II	11-12	1/2
3450	AP CHEMISTRY	11-12	1
3460	DB CONCEPTUAL PHYSICS	11-12	1
3475	HONORS PHYSICS	11-12	1
3300	ACADEMY ANATOMY AND PHYSIOLOGY	11	1

(E) ELECTIVE  
(R) REQUIRED

PLEASE NOTE: ALL SOPHOMORES ARE REQUIRED TO TAKE BIOLOGY IN ORDER TO BE PREPARED FOR THE OHIO GRADUATION TEST.

### INTEGRATED SCIENCE (LAB) • PHYSICAL

COURSE CODE (3040) • CREDIT 1 (R) • GRADE 9

Integrated Science is the introductory science course for all students at Lincoln High School. This hands-on, challenging laboratory course explores the 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.

### BIOLOGY:

COURSE CODE (3145) • CREDIT 1 (E) GRADE 10 • PREREQUISITE:

INTEGRATED SCIENCE

Biology surveys major biological concepts essential to understanding how organisms function and interact. Areas of study include cell physiology, DNA, genetics, microbiology, ecology, and selected topics from the vertebrate and invertebrate world. Highlights of the course include debates of societal issues, use of computers and graphing calculators for data analysis, and dissections of laboratory specimens. (Note: Students objecting to dissections will have the opportunity to complete a virtual dissection component.)

### ADVANCED PLACEMENT BIOLOGY (LAB) • BIOLOGICAL

COURSE CODE (3150) • CREDIT 1 (E)

• GRADES 11-12 • FEE: \$86

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, heredity, evolution, organisms, and population. Students enrolling in Advanced Placement courses are required to take the AP exam. *If this course is taken during 1<sup>st</sup> period, student will be required to arrive at 7:25 AM to meet lab requirements.*

### DB ENVIRONMENTAL SCIENCE (LAB) • BIOLOGICAL

COURSE CODE (3175) • CREDIT 1 (E) • GRADES 10 - 12

PREREQUISITE: ONE SCIENCE CREDIT.

Environmental Science is a semester lab course designed to study many areas of the environment, such as population studies, endangered species, energy, water and air pollution, habitats of plants and animals, chemical cycles, wildlife conservation, and stream study. Field trips to Rocky Fork Creek, projects, labs, role plays, and debates about current environmental issues are highlights of the course.

### ANATOMY AND PHYSIOLOGY (LAB) • BIOLOGICAL

COURSE CODE (3310) • CREDIT 1/2 (E) • GRADES 10 - 12 •

PREREQUISITE: BIOLOGY

Anatomy and Physiology is an in-depth study on the structure and function of the human body. Investigations include the nervous, skeletal, digestive, reproductive, circulatory, respiratory, and endocrine systems. Extensive dissection is required. This course is designed for students interested in pursuing a medical career or those who plan to major in biology in college, but are not part of the Science Academy.

### CHEMISTRY (LAB) / DB CHEMISTRY (LAB) • PHYSICAL

COURSE CODE (3360) • BLOCK CODE 3370) • CREDIT 1 (E) • GRADES 10 - 12 •

PREREQUISITE: INTEGRATED SCIENCE OR BIOLOGY, AND ALGEBRA II. PLEASE NOTE: STUDENTS, WHO WISH TO TAKE DB CHEMISTRY CONCURRENTLY WITH SB ALGEBRA II, MUST SCHEDULE DB CHEMISTRY FOR SECOND SEMESTER.

Chemistry I is a course in which students study the laws and principles of chemistry 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 will include atomic theory, chemical reactions, chemical bonding, stoichiometry, or organic chemistry, acids, and bases, benefit from the lab skills derived from this course.

### ADVANCED PLACEMENT CHEMISTRY (LAB) - PHYSICAL

COURSE CODE (3450) • CREDIT 1 (E) • GRADES 11-12 • FEE: \$86

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, electrolysis and electrochemistry, equilibrium and acid/base reactions, kinetics, thermodynamics, and oxidation/reduction reactions. Students taking AP courses are required to take the AP exam. *In order to fulfill lab*

requirements, students are required to come at 7:00 AM once a week for first period class or have a lunch or study hall that can be used once a week during fourth period if they take a third period class.

**DB CONCEPTUAL 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 AND ALGEBRA II

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.

**ACADEMY ANATOMY AND PHYSIOLOGY (LAB) -- LIFE**

COURSE CODE (3300) • CREDIT 1 (E) • GRADE 11

**PREREQUISITE: BIOLOGY**

This is a year-long course in Anatomy and Physiology, and introduces several new areas and tools not found in our semester Anatomy Course. Topics include detailed studies of the nervous, skeletal, digestive, reproductive, 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 a significant unit on medical and scientific ethics adds to the uniqueness of this course. Highlights of the course may include a forensics unit and/or a simulated medical emergency. *This course is open only to Science Academy students.*



# SOCIAL STUDIES

**GRADUATION REQUIREMENT: GLOBAL STUDIES, U.S. HISTORY AND U.S. GOVERNMENT.**

CODE	COURSE	GRADE	CREDIT
2040	GLOBAL STUDIES	9	1
2045	HONORS GLOBAL STUDIES	9	1
2050	COMMUNITY LAW	9-11	½
2120	ECONOMICS	11-12	½
2240	WORLD WAR II: GLOBAL CONFLICT	10-12	½
2280	PSYCHOLOGY	11-12	½
2285	ADVANCED PLACEMENT PSYCHOLOGY	11-12	1
2285ODU	AP PSYCHOLOGY DUAL CREDIT	11-12	1
2310	SOCIOLOGY	11-12	½
2325	U.S. HISTORY	10	1
2425	ADVANCED PLACEMENT U.S. HISTORY	10-12	1
2460	ADVANCED PLACEMENT U.S. GOVERNMENT	12	1
2470	FEDERAL GOVERNMENT	12	½
2475	STATE AND LOCAL GOVERNMENT	12	½

(E) ELECTIVE  
(R) REQUIRED

**U.S. GOVERNMENT IS A GRADUATION REQUIREMENT WHICH MUST BE TAKEN AT GAHANNA LINCOLN HIGH SCHOOL.**

**STUDENTS HAVE THE OPTION OF TAKING THIS REQUIREMENT AS AP U.S. GOVERNMENT, DB U.S. GOVERNMENT, OR FEDERAL GOVERNMENT (FIRST SEMESTER) AND STATE AND LOCAL GOVERNMENT (SECOND SEMESTER). ECONOMICS CAN SUBSTITUTE FOR STATE/LOCAL GOVERNMENT.**

**GLOBAL STUDIES**

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

Global Studies 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 understand better current world situations, this course will emphasize modern global history from 1750 to the present.

**HONORS GLOBAL STUDIES**

**COURSE CODE (2045) • CREDIT 1 (R) • GRADE 9 • prerequisite: ???**

This Honors Global Studies course will address the standards and components of the regular Global Studies 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 global 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. A summer assignment must be done prior to the beginning of fall classes. The honor students will be expected to be actively involved in class discussions, debates and analysis of vital global issues. Student 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 9-11**

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.

**ECONOMICS**

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

Economics is the study of how individuals, businesses, and nations deal with the problem of scarce resources. This course is designed to introduce students to basic economic principles such as supply and demand, prices, inflation, and personal finance. 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. This course will fulfill the 2<sup>nd</sup> semester Government requirement by replacing State/Local Government.

**WORLD WAR II: GLOBAL CONFLICT**

**COURSE CODE (2240) • CREDIT ½ (E) • GRADES 11 – 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**

**COURSE CODE (2280) • CREDIT ½ (E) • GRADES 11 - 12**

Psychology is the study of mental processes and human behavior. This course is designed to provide the student with a general understanding of nearly all of the topics in an introductory psychology course. Possible topics include: research methods, neuroscience, development, sensation and perception, states of consciousness, learning, memory, motivation, emotion, stress, personality, psychological disorders, and treatment.

## **ADVANCED PLACEMENT**

### **PSYCHOLOGY**

COURSE CODE (2285) • CREDIT 1 (E) • GRADES 11 – 12 **FEE: \$86**

**A SUMMER ASSIGNMENT MUST BE DONE PRIOR TO THE BEGINNING OF FALL CLASSES.**

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 Advanced Placement (AP) Exam. \*Students enrolling in this course are required to take the AP exam.

Students must understand that this course will be taught using traditional teaching methods such as lecture, activities, and demonstrations. The major forms of assessment that will dominate the course are **quizzes and exams**. 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.

### **SOCIOLOGY**

COURSE CODE (2310) • CREDIT ½ (E) • GRADES 11 - 12

Beginning with a background study of society and sociological findings, this course studies current sociological issues and social problems. The course is focused on relevant topics to the high school student. Focus areas include the sociological perspective, race, class, ethnicity, aging, population, social structure, and relationships. The knowledge is applied to everyday situations, problems and adjustments that broaden one's knowledge of the structure and function of the American social system.

### **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 20<sup>th</sup> Century. It will begin with an examination of the changes brought on by reconstruction, industrialization, and further expansion in the late 1800's. The 20<sup>th</sup> 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.

## **ADVANCED PLACEMENT**

### **U.S. HISTORY**

COURSE CODE (2425) • CREDIT 1 (E/R) • GRADES 11 – 12 • **FEE: \$86**

**PREREQUISITE: PERMISSION OF THE INSTRUCTOR. SUMMER READING & BOOK REVIEWS MUST BE DONE PRIOR TO THE BEGINNING OF FALL CLASSES.**

This course is an advanced placement, in-depth study of U.S. History. It is an accelerated course which, for serious history students. This course prepares a student for college level abstract thinking and the College Board Advanced Placement (AP) Exam scheduled in May. Students enrolling in AP courses are required to take the AP exam. The summer assignment will be a weeklong summer institute (Aug. 15-19), and will last for approximately 1.5 hours a day (an alternative assignment is available but discouraged). It is recommended (not required) that students have access to a computer with an Internet connection as well as a mobile device to take advantage of accessing study materials.

## **ADVANCED PLACEMENT**

### **U.S. GOVERNMENT**

COURSE CODE (2460) • CREDIT 1 (E) • GRADE 11-12 • **FEE: \$86**

This course is an advanced placement, in-depth study of U.S. Government. It is an accelerated course, which for the serious government student fulfills the 12<sup>th</sup> grade U.S. Government requirement. This course prepares you for the College Board Advanced Placement Test scheduled in May (Students enrolling in Advanced Placement courses are required to take the A.P. exam).

### **FEDERAL GOVERNMENT**

COURSE CODE: (2470) • CREDIT ½ (R) • GRADE 12

This is a required course that examines the institutions of our American Federal Governments and the United States Constitution The concept of Federalism will be emphasized and the three branches of government will be studied. In addition, students will complete four community service activities and attend one community meeting during the semester.

### **STATE AND LOCAL GOVERNMENT**

COURSE CODE: (2475) • CREDIT ½ (R/E) • GRADE 12

This course encompasses a unique study of state governments with an emphasis on the state of Ohio. In addition the various local forms of government will be investigated. Students will hear from a variety of local leaders including the mayor, president of the city council, the superintendent of schools, and the Mifflin township fire chief. This study will incorporate the fundamentals of our federal system including how institutions such as taxation, political parties and the media affect the process. This course is offered second semester only.



# SPECIAL EDUCATION

**EDUCATIONAL PROGRAMS FOR STUDENTS WITH SPECIAL LEARNING NEEDS ARE AVAILABLE FOR A WIDE RANGE OF IDENTIFIED DISABILITIES. AN INDIVIDUAL EDUCATIONAL PLAN (IEP) IS WRITTEN AND IMPLEMENTED TO MEET THE STUDENT'S INDIVIDUAL LEARNING NEEDS IN THE LEAST RESTRICTIVE ENVIRONMENT. SEE YOUR GUIDANCE 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:

8200 Senior Transitions

## **COLLABORATIVE**

A COLLABORATIVE SUPPORTS STUDENTS IN A GENERAL COURSE TAUGHT BY A GENERAL EDUCATION TEACHER WITH THE ASSISTANCE OF AN INTERVENTION SPECIALIST. IT IS RECOMMENDED TO ALSO TAKE A CORRESPONDING ASSISTANCE COURSE. (ASSISTANCE PERIOD DESCRIBED BELOW) COURSES OFFERED:

3700 Integrated Math I	2040 Global Studies
3710 Integrated Math II	2335 US History
3735 Applied Geometry	1015 English 9
3145 Biology	1065 English 10
3040 Integrated Science	1110 English 11
3175 Environmental Science	???? Information Technology

## **ASSISTANCE PERIOD**

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

THE INTERVENTION SPECIALIST ASSISTS STUDENTS WITH INDIVIDUAL MODIFICATIONS FOR ASSIGNMENTS, PROJECTS, TESTS, ETC. FROM THEIR LINKED COLLABORATIVE CLASS. PART OF THE PERIOD MAY BE AVAILABLE FOR ASSISTANCE IN OTHER AREAS. THE ASSISTANCE CLASSES ARE DESIGNED TO HELP STUDENTS PREPARE, ENHANCE AND / OR REVIEW FOR THE CORRESPONDING COLLABORATIVE COURSE. COURSES OFFERED:

8168 Applied Geometry Assistance	8246 Integrated Math I Assistance
8235 English 11 Assistance	8248 Integrated Math II Assistance
8240 English 10 Assistance	8051 Integrated Science Assistance
8243 English 9 Assistance	8057 Biology Assistance
8110 Global Studies Assistance	8158 US History Assistance
???? Environmental Science Assistance	

## **INTERVENTION SPECIALIST PROGRAMS**

The CD 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 MD 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 ED 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 handicapped students designed to provide the student with social skills and employability skills necessary for successful transition from school to independence in society. Handicapped 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 (1015) • GRADE 9

CREDIT ¼ EA. SEM. • (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 (1065) • GRADE 10

CREDIT ¼ EA. SEM. • (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 (1110) • GRADE 11 •

CREDIT ¼ Ea. sem • (E)

This course offers students the opportunity 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.

**INTEGRATED MATH I  
COLLABORATIVE**

COURSE CODE (3700) • CREDIT ¼  
EA. SEM. (E) • GRADES 9 – 12

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

**INTEGRATED MATH II  
COLLABORATIVE**

COURSE CODE (3710) • CREDIT ¼  
EA. SEM. (E) • GRADES 10 – 12

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

**APPLIED GEOMETRY  
COLLABORATIVE**

COURSE CODE (3735) • CREDIT ¼  
EA. SEM. (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

**GLOBAL STDS COLLABORATIVE**

COURSE CODE (2040) • CREDIT ¼  
EA. SEM. (E) • GRADES 9 – 12

This Global Studies collaborative class fits the same description as Global Studies listed in the Social Studies Dept.. Students in this course will have two instructors working together as a team to enhance student success. The benefits of this collaborative course are having two teachers, two different teaching styles, and closer monitoring of student performance.

**U.S. HISTORY COLLAB**

**COURSE CODE (????) • CREDIT ¼  
EA. SEM. (E) • GRADE 10**

This class offers students the opportunity to participate in a general education U.S.

History class with support from an Intervention Specialist. Students receive academic support in the class with an addition of an Intervention Specialist working collaboratively with the general education teacher.

**U.S. GOVERNMENT COLLAB**

COURSE CODE (8247/8248) •  
CREDIT ¼ EA. SEM. (E) • GRADE 12

This class allows for additional support for a general required Government course for students identified with specific learning needs to help facilitate and provide I.E.P. modifications.

**INTEGRATED SCIENCE  
COLLABORATIVE**

COURSE CODE (3040) • CREDIT ¼  
EA. SEM. •GRADES 9

This class is a general education Integrated Science course taught through the collaborative efforts of the Science and Special Education departments. It utilizes a team-teaching approach to cover Integrated Science topics (see Science Course Descriptions) while providing extra support to students with various learning levels.

**BIOLOGY COLLABORATIVE**

COURSE CODE (8056) • CREDIT ¼  
EA. SEM. (E) • GRADES 10-12

This class is a general education Biology Science course taught through the collaborative efforts of the Science and Special Education departments. It utilizes a team-teaching approach, with both a general education teacher and an Intervention Specialist to cover Biology topics (see Science Department Course Descriptions) while providing additional support to students with various learning levels.

**ENVIRONMENTAL SCIENCE  
COLLABORATIVE**

COURSE CODE (3175) • CREDIT ¼  
EA. SEM. •GRADES 10-12

This class is a general education Environmental Science course taught through the collaborative efforts of the Science and Special Education departments. It utilizes a team-teaching approach to cover Environmental Science topics (see Science Course Descriptions) while providing extra support to students with various learning levels.

**INFORMATION TECHNOLOGY**

COURSE CODE (???) • CREDIT ¼  
EA. SEM. (E) • GRADES ????

**THIS COURSE OFFERS STUDENTS  
THE OPPORTUNITY TO  
PARTICIPATE IN THE GENERAL  
EDUCATION ENVIRONMENT FOR  
THEIR IT CLASS WITH ADDED  
SUPPORT FROM AN  
INTERVENTION SPECIALIST. THE  
TEACHERS WILL WORK  
COLLABORATIVELY IN LESSON  
PLANNING, TAKING INTO FURTHER  
CONSIDERATION ADAPTATIONS  
AND ACCOMMODATIONS THAT  
NEED TO BE MADE AVAILABLE  
AND IMPLEMENTED AS  
DETERMINED BY STUDENT'S  
INDIVIDUALIZED EDUCATION  
PLANS.**

**TUTOR/STUDY SESSION**

COURSE CODE (8241/8242) •  
CREDIT ¼ EA. SEM. (E) • GRADES  
9-12

This class offers students the opportunity to receive assistance with individual assignments, projects, and tests, in various content areas. In addition, students are encouraged to expand and apply successful study and organizational skills related to their Individual Education Plan. The tutoring/study sessions 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.

**SENIOR TRANSITION**

COURSE CODE (8200) • CREDIT ½  
(E) • GRADE 12

This semester course is designed to help students identify and examine their abilities, interests, values, and individual personalities relative to educational and career choices. Senior Transition is appropriate for students bound for post-secondary education as well as those entering the work force. This course will focus on improving the academic and functional achievement of the child with a disability to facilitate the child's movement from school to post-school activities.



# TECHNOLOGY EDUCATION

CODE	COURSE	GRADE	CREDIT
5030	MANUFACTURING TECHNOLOGY I	9-12	1/2
5050	HOME MAINTENANCE 101	9-12	1/2
5240	DRAFTING I	9-12	1/2
5270	DRAFTING II/C.A.D.D	9-12	1/2
5300	ARCHITECTURAL TECHNOLOGY	9-12	1/2
00800/00803	ARCH/CONSTRUCTION MGMT TECH	11-12	2/2

(E) ELECTIVE  
(R) REQUIRED

## MANUFACTURING TECHNOLOGY I

COURSE CODE (5030) • CREDIT 1/2  
(E) • GRADES 9 - 12 • **FEE: \$30**

This course is offered to students who wish to learn the development of power tools and basic safety skills using hand tools and machines. We will complete an assortment of projects that will be student and class designed. Additional costs may be associated with some projects. The course will be evaluated by completed projects and craftsmanship. The final exam will include all items relating to manufacturing that have been covered in the course.

## HOME MAINTENANCE 101

COURSE CODE (5050) • CREDIT 1/2  
(E) • GRADES 10-12 • **FEE: \$15**

This course introduces students to the commercial importance of general home maintenance and apartment repair. The student has the opportunity to use hand tools and machines found in industry, and develop hand to eye and manipulative skills through the use of this equipment. Students will gain knowledge to be a wise consumer by studying materials and wood products.

## DRAFTING I

COURSE CODE (5240) • CREDIT 1/2  
(E) • GRADES 9 - 12 • **FEE: \$25**

Drafting I is an introduction to the fundamentals in the use of basic drawing instruments and drafting techniques producing technical drawings. The students will learn how to communicate visually by preparing engineering drawings and will explore various special topics within the drafting field. In addition, the students will be introduced to computer aided drafting and design (CADD) and how they differ from manual drafting. Emphasis will be placed on accuracy, neatness and drawing completion.

## DRAFTING II/C.A.D.D. COMPUTER AIDED DRAFTING AND DESIGN

COURSE CODE (5270) • CREDIT 1/2  
(E) • GRADES 9 - 12 • **FEE: \$25**

PREREQUISITE: DRAFTING I OR PERMISSION OF INSTRUCTOR  
This course is designed to give students a solid foundation in the terminology,

tools and fundamental concepts used in CADD (computer aided drafting). The students will further develop their drafting skills and technical knowledge learned in Drafting I (5240). Students will problem solve and design solutions solving real-world problems. Ultimately, at the end of the course, students will be creating orthographic and isometric representation, architecture and mechanical projects in CADD.

## ARCHITECTURAL TECHNOLOGY

COURSE CODE (5300) • CREDIT 1/2  
(E) • GRADES 9 - 12 • **FEE: \$25**  
PREREQUISITE: DRAFTING I

This course provides an introductory study of the fundamentals of residential design and construction. The following concepts and processes will be experienced by students taking this course: basic drafting, CADD, blueprints, modeling and student-related hands-on projects. The students will apply knowledge to create architectural presentation drawings, as well as participate in a community service project that will build a small shed or playhouse for a charity or an organization.

## ARCHITECTURE AND CONSTRUCTION MANAGEMENT PROGRAM COURSE CODE (00800)

GRADES 11 – 12 • CREDITS 4 (E)  
PREREQUISITE: APPLICATION REQUIRED (EFCTS)

The program is a two-year commitment designed to develop and prepare students to pursue a career in the various fields of the design and construction industry. There is an academic focus on integrated education, having a math and science component as part of each year of the program. The computer lab is equipped with current technology, and there is an emphasis on utilizing this technology to the fullest potential. It is a school-to-college program that provides students with a broad-based knowledge of the industry. Most will go on to some type of post-secondary education, whether it is a two-year or a four-year college or university.

The program is offered by Eastland-Fairfield Career and Technical Schools

and is housed at the satellite location at Lincoln High School in Gahanna. There are twenty-four junior openings available each year and students are drawn from sixteen high schools in the East and Southeast portions of Columbus. There are many career paths and educational opportunities through this program such as shadowing, mentoring, summer internships and post-secondary options at local colleges.



# CLARK HALL

The Clark Hall educational practices embrace the Gahanna Jefferson Graduate Profile and 21st century skills that universities and employers across all industries are looking for: comprehensively solving abstract problems, working collaboratively with a team, effectively communicating, using technology proficiently and acting as responsible members of his/her community. Challenging programs at Clark Hall, designed for juniors and seniors, have been built around student needs and choices that include accelerated learning, Internet-based curricula, business internships and some dual-credit options (high school/college). The programming will be rigorous, and students will use electronic devices to complete many of their assignments. In addition, the flexible schedule is built to accommodate different ways of teaching and learning to maximize learner performance.

PLEASE NOTE: ALL CLASSES AT CLARK HALL ARE AVAILABLE ONLY FOR JUNIORS AND SENIORS. OTHER SECTIONS MAY BE AVAILABLE (9-12 GRADES) AT LINCOLN, JEFFERSON AND HAMILTON HALLS.

CODE	COURSE	CREDIT
1445	SENIOR PROJECT	1/2
1315	SENIOR COMPOSITION	1/2
1226	CONTEMPORARY LITERATURE	1/2
1110	ENGLISH 11	1
1106	HONORS ENGLISH 11	1
1330	ADVANCED COMPOSITION	1/2
1435	NEWSPAPER	1
1420	YEARBOOK	1
2480	DB US GOVERNMENT	1
2100	AFRICAN AMERICAN STUDIES	1/2
2285	AP PSYCHOLOGY	1
????	DUAL CREDIT PSYCHOLOGY	1/2
2095	WORLD CULTURES	1/2
2120	ECONOMICS	1/2
2470	FEDERAL GOVERNMENT	1/2
2475	STATE AND LOCAL GOVERNMENT	1/2
2310	SOCIOLOGY	1/2
3811	PRE-CALCULUS	1/2
3841	PRE-CALCULUS 2	1/2
3780	ALGEBRA 2	1
3785	DISCRETE MATH	1/2
3790	PROBABILITY AND STATISTICS	1/2
3735	APPLIED GEOMETRY	1
3795	TRANSITIONS TO COLLEGE MATH	1
3715	ALGEBRA 2-CORE	1
1950	CHINESE 3	1
1975	CHINESE 4	1
1800	SPANISH 1	1
1825	SPANISH 2	1
1850	SPANISH 3	1
1875	SPANISH 4	1
1550	FRENCH 3	1
1575/1580	FRENCH 4/FRENCH 5	1/1
6055	SENIOR ART PORTFOLIO	1
6101	TWO DIMENSIONAL CONCEPTS	1
6201	ADVANCED TWO DIM. CONCEPTS	1
6057	PAINTING	1/2
6058	ADVANCED PAINTING	1/2
6061	INTRODUCTION TO VISUAL ARTS	1
4180	PERSONAL FINANCE	1/2
2000	LINC	1/2
2001	LINC INTERNSHIP LAB	1/2
5750	CAREER PASSPORT	1/2
5710	ADULT LIVING	1/2
5590	PARENT CHILD	1/2
5740	CREATE A PLACE OF YOUR OWN	1/2
3240	SPECIAL ASPECTS	1
3220	DB HONORS BIONICS	1
3200	DB SPACE TECHNOLOGY	1
3210	DB VIRTUAL TECHNOLOGY	1
3175	ENVIRONMENTAL SCIENCE	1
3230	AP ENVIRONMENTAL SCIENCE	1
3155	DB MICROBIOLOGY	1
3101	DB MILLENNIUM SCIENCE 1	1
3102	DB MILLENNIUM SCIENCE 2	1

(E) ELECTIVE  
(R) REQUIRED

### **SENIOR PROJECT COMPOSITION**

COURSE CODE (1445) • CREDIT ½  
• GRADE 12 • **NOTE: OFFERED 1<sup>ST</sup> SEMESTER ONLY**

This course is designed for highly motivated, energetic students who wish to investigate an area of particular interest through the completion of a research based paper, product, portfolio, and presentation. Time management skills are essential. Components of the course include improvement of rudimentary grammar, vocabulary and composition skills needed to finish the project successfully. Other types of writing will also be explored. (Over the summer students must complete some preparation explained in the Senior Project Handbook. The handbook can be obtained in the English office)

### **SENIOR COMPOSITION**

COURSE CODE (1315) • CREDIT ½  
(E) • GRADE 12 • PREREQUISITE:  
ENGLISH 11

Senior composition requires nightly homework, provides extensive writing experiences, and teaches organizational, time-management, and research skills. This class is designed for students who wish to attend college but have difficulty in the fundamentals of good writing. Consequently, the course focuses on the improvement of rudimentary grammar, vocabulary, and composition skills in writing essays. Students are required to write a research paper. (It is recommended that those students who earned a B or higher in English 11 and plan to attend college take Advanced Composition instead.)

### **CONTEMPORARY LITERATURE**

COURSE CODE (1226) • CREDIT ½  
(E) • GRADE 12 • PREREQUISITE:  
ENGLISH 11

For the college bound student, this class will allow students to develop and reinforce essay-writing skills as they read and evaluate major writings, which focus on contemporary topics and the condition of mankind. Students will analyze each selection through group discussion, extensive essay and journal writing, and individual and group presentations. Students will be assigned extensive reading on a daily basis.

### **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 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 WITH A GRADE OF B  
OR HIGHER, PERMISSION OF THE  
INSTRUCTOR, AND COMPLETION  
OF A SUMMER ASSIGNMENT.

Designed for the 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. The summer assignment can be obtained at the English office.

### **ADVANCED COMPOSITION**

COURSE CODE (1330) • CREDIT ½  
(E) • GRADE 12 • PREREQUISITE:  
ENGLISH 11

Advanced Composition requires nightly homework, provides extensive writing experiences, and teaches organizational, time-management, and research skills. This class is designed to mirror a college-level freshman writing course. Because the teachers assume that students have mastered the fundamentals of grammar and composition, the assignments will focus on developing essay writing skills. Students are required to write an argumentative research paper which counts for the semester exam and will be required to type all assignments. Students who received a B or higher in previous English classes should select this course; those with lower than a B should choose Senior Composition.

### **JOURNALISM (NEWSPAPER)**

COURSE CODE (1435) • CREDIT 1 (E)  
• GRADES 11 – 12 • PREREQUISITE:  
HONORS ENGLISH 10/JOURNALISM  
AND PERMISSION OF THE  
NEWSPAPER ADVISOR.

Students may take this course only if they have successfully completed Honors English 10/Journalism or if they have written permission from the advisor. Students must apply for and be accepted on the staff to schedule the course. In this class, students will apply the skills learned in Honors English 10/Journalism to the production of the school's newspaper, *Lion's Roar*. Newspaper staff members are expected to participate in attending workshops. Applications are available in the English Office. (Considered a VPA at some colleges)

### **JOURNALISM (YEARBOOK)**

COURSE CODE (1420) • CREDIT 1 (E)  
• GRADES 11 – 12 • PREREQUISITE:  
HONORS ENGLISH 10/JOURNALISM  
AND PERMISSION OF THE  
YEARBOOK ADVISOR.

Students may take this course only if they have successfully completed Honors English 10/Journalism or if they have

permission from the advisor. Students must apply for and be accepted on the staff to schedule the course. 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 to help defray 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. All yearbook staff members are required to attend two workshops during the year. Applications are available in Room A-149. (Considered a VPA at some colleges)

### **DB U.S. GOVERNMENT**

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

This required course studies the fundamentals of the American Federal System of Government, its structure and organization, along with the role of party politics. This itinerary also incorporates a study of state and local government in our federal system.

### **AFRICAN AMERICAN STUDIES**

COURSE CODE (2100) • CREDIT ½  
(E) • GRADES 11-12

African American Studies will focus on the African American experience from the pre-colonial period to post-civil rights. Included in the framework is the study of the cultural heritage of African Americans, contributions of African Americans to America and 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, literary studies, discussions, research, and writing. The course may also include field trips.

### **ADVANCED PLACEMENT**

#### **PSYCHOLOGY**

COURSE CODE (2285) • CREDIT 1 (E)  
• GRADES 11 – 12 • **FEE: \$86**

•Prerequisite: a summer assignment must be done prior to the beginning of fall classes.

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 Advanced Placement (AP) Exam. \*Students enrolling in this course are required to take the AP exam.

Students must understand that this course will be taught using non-traditional teaching methods such as collaborative partner and group activities, technology based, in-class demonstrations and discussions. The

major forms of assessment that will dominate the course are **project based**. 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.

### **DUAL CREDIT PSYCHOLOGY**

**COURSE CODE (????) • CREDIT 1(E) • GRADES 11 – 12 FEE: \$300**

Dual Credit Research Psychology 100 is designed for the serious student that is willing and ready to take on the rigorous challenge of a college level psychology course. Students will be introduced to all of the major psychological topics. The course will be designed around small group and whole class collaborative study, class discussion, technology, and project oriented assignments. Students will be expected to participate and lead small group study teams, attend weekly lecture, utilize the course website daily, and be committed to a long-term research project. The second semester of the course will be focused on learning and conducting scientific research at a college undergraduate level. Students taking this course must be willing to work with others, be interested in and committed to research, and be independent learners.

Upon successful completion of this course, the student will earn a college psychology credit (Psychology 100) from Ohio Dominican University that is transferable to most institutions. Students enrolling in this course are required to pay \$300 (subject to change) for the dual credit option. Students enrolling in this course are not required, but are encouraged to take the Advanced Placement (AP) exam.

### **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 nonwestern 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.

### **ECONOMICS**

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

Economics is the study of how individuals, businesses, and nations deal with the problem of scarce resources. This course is designed to introduce students to basic economic principles such as supply and demand, prices, inflation, and personal finance. 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. This course will fulfill the 2<sup>nd</sup> semester Government requirement by replacing State/Local Government.

### **FEDERAL GOVERNMENT**

**COURSE CODE: (2470) • CREDIT ½ (R) • GRADE 12**

This is a required course that examines the institutions of our American Federal Governments and the United States Constitution. The concept of Federalism will be emphasized and the three branches of government will be studied. In addition, students will complete four community service activities and attend one community meeting during the semester.

### **STATE AND LOCAL GOVERNMENT**

**COURSE CODE: (2475) • CREDIT ½ (R/E) • GRADE 12**

This course encompasses a unique study of state governments with an emphasis on the state of Ohio. In addition the various local forms of government will be investigated. Students will hear from a variety of local leaders including the mayor, president of the city council, the superintendent of schools, and the Mifflin township fire chief. This study will incorporate the fundamentals of our federal system including how institutions such as taxation, political parties and the media affect the process. This course is offered second semester only.

### **SOCIOLOGY**

**COURSE CODE (2310) • CREDIT ½ (E) • GRADES 11 - 12**

Beginning with a background study of society and sociological findings, this course studies current sociological issues and social problems. The course is focused on relevant topics to the high school student. Focus areas include the sociological perspective, race, class, ethnicity, aging, population, social structure, and relationships. The knowledge is applied to everyday situations, problems and adjustments that broaden one's knowledge of the structure and function of the American social system.

### **PRE-CALCULUS I**

**COURSE CODE (3811) • CREDIT ½ (E) • GRADES 11 – 12 • GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Pre-Calculus I is a one-semester course emphasizing algebra, elementary functions and trigonometry. A graphing approach is used to investigate the nature of graphs. Topics include linear functions and relations, rational and trigonometric functions. Calculators will be used to aid student understanding. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **PRE-CALCULUS II**

**COURSE CODE (3841) • CREDIT ½ (E) • GRADES 11 – 12 •**

**PREREQUISITE: PRE-CALCULUS I WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Pre-Calculus II is a one-semester course emphasizing trigonometry, exponential and logarithmic functions. Topics include graphs of inverses of trigonometric functions, trigonometric identities and equations, vectors, and parametric equations, polar coordinates, series and sequences, and complex numbers. Calculators will be used to aid student understanding. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **ALGEBRA II**

**COURSE CODE (3780) • CREDIT 1 (E) • GRADES 11 – 12 • PREREQUISITE: GEOMETRY OR APPLIED GEOMETRY WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

This course reviews the algebraic concepts introduced in Algebra I and Geometry including further study of relations and functions, linear and quadratic equations, inequalities, systems of equations, polynomials, rational expressions, and irrational numbers. New topics include systems of inequalities, linear programming, matrices, determinants, the complex number system, quadratic functions and relations, conic sections, polynomial functions and equations. Graphing calculators are used to support and confirm many algebraic concepts. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

### **DISCRETE MATHEMATICS**

**COURSE CODE (3785) • CREDIT ½ (E) • GRADES 11 – 12 • PREREQUISITE: ALGEBRA II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

Discrete Mathematics focuses on developing creative problem solving and algorithmic thinking skills through interesting, real world problems. The course will introduce students to discrete math topics not offered in the traditional curriculum, such as graph theory, social decision-making, matrices, and recursion. \*See Graphing Calculator Recommendation

**PROBABILITY AND STATISTICS**

COURSE CODE (3790) • CREDIT ½  
(E) GRADES 11 - 12

**PREREQUISITE: ALGEBRA II WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.**

**APPLIED GEOMETRY**

COURSE CODE (3735) • CREDIT 1 (E)

• GRADE 11-12 • PREREQUISITE: ALGEBRA B WITH A C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

This course is intended for non-college bound students who wish to study geometry. It is the third course in the Integrated Math I and Integrated Math II sequence. This course covers the same topics as regular geometry in a less rigorous format. More attention is given to the application of geometric principles. It is recommended students use a TI-84 Plus or a TI-83 Plus calculator.

**TRANSITION TO COLLEGE MATH**

COURSE CODE (3860) • CREDIT 1 (E)

• GRADES 11 - 12 • FEE: \$86 • PREREQUISITE: PRE-CALCULUS OR ALGEBRA II 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 planning on taking AP Calculus. The course also meets the requirement of a fourth math credit required to graduate beginning with the class of 2014. The class will review advanced topics in algebra, basic concepts in trigonometry, statistics and calculus. The first semester encompasses mathematics essential in strengthening the foundation to be successful in college math. A graphing approach is used to investigate the nature of graphs. Topics include linear functions and relations, rational and trigonometric functions. The second semester would focus on the necessary skills in the areas of trigonometry and basic calculus. Calculators will be used to aid student understanding. It is recommended students use a TI-84 Plus or TI-83 Plus calculator.

**ALGEBRA II CORE**

COURSE CODE (3715) • CREDIT 1 (E) • GRADES 11-12 •

PREREQUISITE: SUCCESSFUL COMPLETION OF APPLIED GEOMETRY

This course is a continuation of the topics from Integrated Math I and Integrated Math II. It is intended to meet the state CORE requirements for Algebra II.

Topics will include, but not be limited to: linear, quadratic, rational, higher order polynomials and exponential functions. Function operations, inverse functions and piecewise functions will also be a part of the CORE content. The study of linear and nonlinear equations, inequalities, and systems will also be included. Focus will be on the application of Algebra topics and the use of technology as an aid in student understanding. It is recommended

This one-semester course studies the concepts of probability the first nine weeks and statistics the second nine weeks. The probability portion of the course focuses on problem solving, involving combinations and permutations as well as computing probabilities and students use a TI-84 Plus or a TI-83 Plus calculator.

**MANDARIN CHINESE III**

**COURSE CODE (1950) • CREDIT 1 (E) • GRADES 11-12 • FEE: \$16**

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.

**MANDARIN CHINESE IV**

COURSE CODE (1975) • CREDIT 1 (E)

• GRADES 11 -12 • FEE: \$16

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).

**SPANISH I**

COURSE CODE (1800) • CREDIT 1 (E)

• GRADES 11 - 12 • FEE: \$16

Spanish I is designed to give the student a basic understanding and working knowledge of simple spoken and written Spanish. Although considerable time is given to the conversational aspects of the language, major emphasis is on the basic structures and vocabulary. The cultures of the major Spanish-speaking areas of the world are also studied.

**SPANISH II**

COURSE CODE (1825) • CREDIT 1 (E)

• GRADES 11- 12 • FEE: \$16 •

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

odds for the success or failure of an event. The statistics portion of the course will involve data analysis to organize, analyze and make predictions about interesting, real-world data. \*See Graphing Calculator Recommendation

elements of this course. The cultures of the Spanish-speaking world are studied, emphasizing the similarities and differences among them and the United States.

**SPANISH III**

COURSE CODE (1850) • CREDIT 1 (E)

• GRADES 11 - 12 • FEE: \$16 OR

**KEEP WORKBOOK FROM SPANISH II** • 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.

**SPANISH IV**

COURSE CODE (1875) • CREDIT 1 (E)

• GRADES 11 - 12 • FEE: \$16 •

PREREQUISITE: SPANISH III WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

Spanish IV emphasizes polishing language skills. Students are expected to speak Spanish in the classroom, read short stories, make presentations in the target language, and write essays in Spanish as well as continue with vocabulary and grammar study. The Hispanic cultures are again studied through arts, literature, music, and video.

**FRENCH III**

COURSE CODE (1550) • CREDIT 1 (E)

• GRADES 11 - 12 • FEE: \$16 OR

**KEEP WORKBOOK FROM FRENCH II** • PREREQUISITE: FRENCH II WITH A

GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

In French III, the student will begin to feel more comfortable using the French language, and will have more detailed practice in listening, speaking, and reading. Special attention is also given to grammar and elementary composition. The French way of life is studied in more detail.

**FRENCH IV**

COURSE CODE (1575) • CREDIT 1 (E)

• GRADES 11 - 12 • FEE: \$16 •

PREREQUISITE: FRENCH III WITH A

GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

As an advanced student, one will have the opportunity to refine the use of all aspects of the French language. It is in French IV that the student begins to think in French and use it as one does English. Students will explore the various literary, artistic, and philosophical trends. The student will be able to express his/her creativity in the form of individualized or

group projects. Students are expected to converse also exclusively in French.

### **FRENCH LANGUAGE V (ADVANCED PLACEMENT)**

COURSE CODE (1580) • CREDIT 1 (E) • GRADE 12 • FEE: \$106 (TEST PLUS WORKBOOK) • PREREQUISITE: FRENCH IV WITH A GRADE OF C OR HIGHER, OR PERMISSION OF THE INSTRUCTOR.

This course is designed for students who want to advance their proficiency in all four language skills: writing, reading, speaking, and listening. There is work in grammar, advanced composition, conversations and readings with discussions. Readings include items that are literary and cultural; materials may include current events and history. (Students enrolling in Advanced Placement courses are required to take the A.P. exam.)

### **SENIOR ART PORTFOLIO (VPA)**

COURSE CODE (6055) • CREDIT 1 (E) • GRADE 12 • FEE: \$30 • PREREQUISITE: 2 CREDITS OF ART OR PERMISSION OF THE INSTRUCTOR.

Senior art portfolio is designed for the skilled and interested art student. It is hoped that this course will help to individualize instruction for the student planning a career in art. The overall goal of this course is to develop and prepare a strong art portfolio for college. Students will be responsible for the cost of materials used in portfolio presentation.

### **TWO DIMENSIONAL CONCEPTS (VPA)**

COURSE CODE (6101) • CREDIT 1 (E) • GRADES 11 - 12 • FEE: \$30 • PREREQUISITE: INTRODUCTION TO THE VISUAL ARTS.

This course will investigate the various techniques, media, and styles related to drawing, painting, and design. Students will develop skills needed to become accomplished in representational drawing and painting. Emphasis will be placed on composition and learning and applying the basic problems of design.

### **ADVANCED TWO DIMENSIONAL CONCEPTS (VPA)**

COURSE CODE (6201) • CREDIT 1 (E) • GRADES 11 - 12 • FEE: \$30 • PREREQUISITE: TWO DIMENSIONAL CONCEPTS

In this course students will be involved with more advanced techniques, media, and styles of drawing, painting, and design. Various styles of painting and drawing will be studied. Emphasis will be placed on student solutions to visual problems and the development of artistic vision.

### **PAINTING (VPA)**

COURSE CODE (6057) • CREDIT ½ (E) • GRADES 11 - 12 • FEE: \$30 • PREREQUISITE: INTRODUCTION TO THE VISUAL ARTS

A class devoted to the development of painting skills. Various painting media such as oil, watercolor, acrylic, and

tempera will be used. The student will also learn a variety of painting application methods and painting styles. This course may be repeated.

### **ADVANCED PAINTING (VPA)**

COURSE CODE (6058) • CREDIT ½ (E) • GRADES 11 - 12 • FEE: \$30 • PREREQUISITE: PAINTING

This class builds on the basic principles developed in beginning painting. The painting student will continue to develop painting skills through the exploration of various painting media, such as oil, acrylic and watercolor. The advanced student will explore experimental techniques, media, surfaces and concepts.

### **INTRODUCTION TO THE VISUAL ARTS (VPA)**

COURSE CODE (6061) • CREDIT 1 (E) • GRADES 11 - 12 • FEE: \$30

Introduction to the Visual Arts is a basic course that gives the beginning art student a broad basis for further art study. The students will be involved in a wide variety of art techniques such as ceramics, painting, drawing, crafts, sculpture, incorporating analysis of color theory, design, composition, and linear perspective. A sketchbook, which is considered homework and done outside of class, is a requirement.

### **PERSONAL FINANCE**

COURSE CODE (4180) • CREDIT ½ (E) • GRADES 11 - 12

This course prepares students for financial decisions they will face during and after high school, focusing on awareness of financial matters and the ability to handle money wisely. Along with the textbook content, featured guest speakers, and reading R. Kiosaki's book *Rich Dad, Poor Dad*, the course will utilize the internet, in-class activities (Budgeting Project, Stock Market Simulation, Case Study) and other resources to educate students on financial options and current economic decisions.

### **LINC**

COURSE CODE (2000) • CREDIT ½ (E) • GRADES 11 - 12 • FEE: \$10 • PREREQUISITE: SCHEDULED BY APPLICATION AND INTERVIEW PROCESS. MUST HAVE 3.2 GPA TO APPLY.

Go out into the world and experience what it will be like to work in your chosen careers while you are still in high school! The LINC program lets you intern with a business to help you determine your future career. You will create a professional portfolio after exploring careers and post-secondary options, set goals, and practice job seeking skills. LINC provides a unique opportunity through school-to-business partnerships. LINC must be scheduled with LINC Internship Lab (Code 2001). See Mrs. Gaines for more information and an application.

### **LINC INTERNSHIP LAB I**

COURSE CODE (2001) • CREDIT ½ (E) • GRADES 11 - 12

PREREQUISITE: MUST BE SCHEDULED WITH LINC (CODE 2000).

The LINC Internship is an exciting school-to-business partnership that allows the student to receive on-site work experience while observing various careers. The student is at the career site for 100 hours and may receive a stipend for post-secondary education.

### **CAREER PASSPORT**

COURSE CODE (5750) • CREDIT ½ (E) • GRADES 11-12 • FEE: \$10

Students will develop a life management plan, establish a lifelong career planning process, learn how to manage financial resources to achieve goals, and discover how to coordinate personal and career responsibilities. This class will include all of the elements of the Career Passport Portfolio including the creation of a resume, setting career goals, identifying personalized skills, and conducting post-secondary research. Students will also participate in mock interviews. This course is not open to students who have credit for LINC (2000). Community service is a requirement of this course.

### **ADULT LIVING**

COURSE CODE (5710) • CREDIT ½ (E) • GRADES 11 - 12

Ready to move out and live on your own as an adult? Want to learn adult survival skills? This course offers practical applications on financial literacy, parenting, positive relationships, marriage, meal planning, apartment hunting and car buying.

### **PARENTING AND CHILD DEVELOPMENT**

COURSE CODE (5590) • CREDIT ½ (E) • GRADES 11 - 12

What kind of parent will you be? How will you help your children develop into responsible, productive citizens? Are you interested in going into a profession that involves children, such as teaching, nursing or social work? In this class you will learn about pre-natal development and child development to better prepare you for your future.

### **CREATING A PLACE OF YOUR OWN**

COURSE CODE (5740) • CREDIT ½ (E) • GRADES 11 - 12 • FEE: \$15

Explore various types of housing and learn how to plan interiors and furnishing for comfort, style, and aesthetic value. Lab classes will provide opportunities to create various accessories for the home.

### **SPECIAL ASPECTS (LAB) – LIFE OR PHYSICAL • (SCIENCE ACADEMY)**

COURSE CODE (3240) • CREDIT 1 (E) • GRADES 11- 12 • PREREQUISITE:

virtual technology and/or microbiology or permission from the instructor. This independent study is designed to allow students to 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, and the ability to communicate both in written and electronic formats to both amateur and professional audiences. The senior project must include collection and analysis of data and/or the building and testing of some type of prototype device, and both a scientific paper with abstract and an electronic presentation of the project are expected.

**DB HONORS BIONICS (LAB) -- PHYSICAL • (SCIENCE ACADEMY)**

COURSE CODE (3220) • CREDIT 1 (E)  
• GRADES 11- 12 • PREREQUISITE: virtual technology and/or academy anatomy and physiology

This honors course explores the exciting new field of biotechnology and the interface of the robotic and human condition. Students will explore the use and control of muscles in the human body, and then explore the use of electronically driven muscle wires to simulate muscle contraction. The development of exoskeletons and prosthetic devices will be explored and students will use robotic control to develop simple prosthetic devices. They will further explore the use of robotics in surgery, and develop protocols, techniques and actual robotic devices to carry out simple surgeries. Computer vision will also be investigated, and the development of 3D imagery will be combined with surgery techniques. The ethics of robots and their use in replacing human workers will be explored. Highlights of the course will be the development of working prosthetic devices (Project Centaur) and Project Hippocrates, a simulated surgical procedure where students robotically implant simulated radioactive bullets into a thermally scanned tumor-filled area of a simulated human brain. Extensive CAD design principles from previous courses will be applied. TI-83+, TI-84+, or Silver Edition calculators and a thumb drive are highly recommended. This class is a part of the LHS Science Academy.

**DB SPACE TECHNOLOGY (LAB) – PHYSICAL • (SCIENCE ACADEMY)**  
COURSE CODE (3200) • CREDIT 1 (E) • GRADES 11 - 12 • PREREQUISITE: BIOLOGY/INTERNET/COMPUTER (PC) ACCESS AT HOME.

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 layout and construction of working scientific instruments. Topics covered include detailed investigations of the sun and planets, stars, star cycles and galaxies. Highlights of the class include rocketry, pneumatics, CBL data collection and analysis, video conferencing over the Internet, and an extensive unit on robotic construction,

data collection, programming and control. Projects include the robotic “Kick the Can Challenge”, and our internationally famous Project Cygnus. Evening classes with telescopic observation sessions are required every 4-5 weeks (usually on Mondays or Tuesdays). TI-83+, TI-84+, or Silver Edition calculators and a thumb drive are highly recommended. This course is a part of the LHS Science Academy.

**DB VIRTUAL TECHNOLOGY (LAB) -- PHYSICAL • (SCIENCE ACADEMY)**

COURSE CODE (3210) • CREDIT 1 (E)  
• GRADES 11 - 12 • PREREQUISITE: space technology, internet/computer (pc) access at home.

Virtual Space Tech is a unique course which is delivered on-line similar to a college distance learning course. The course is built around engineering design principles, and allows students to get a firsthand look at how products are designed, built, tested, and finally marketed. Topics include designing and building trebuchets, modeling planetary motion, extensive robotic command and control programming, electronics, three dimensional mapping, and CAD design and use. Highlights of the course include the “Designer Cockroaches”, the “Robotic Simon Says”, and the “The Great Sumo Challenge”. Also included is our famous Project Aquarius, a simulated competition for a contract to build an underwater remotely operated vehicle (ROV), and the use of TinyCAD and Pro Engineer, two powerful CAD design programs. Students must have computers with Internet access at home and must have the ability to download and install software to those computers. Computers must have the ability to run PC platform, as all simulations are PC specific. TI-83+, TI-84+, or Silver Edition calculators and a thumb drive are highly recommended. This class is a part of the LHS Science Academy.

**ENVIRONMENTAL SCIENCE (LAB) • BIOLOGICAL**

COURSE CODE (3175) • CREDIT 1 (E)  
• GRADES 11 – 12 • PREREQUISITE: ONE SCIENCE CREDIT.

Environmental Science is a semester lab course designed to study many areas of the environment, such as population studies, endangered species, energy, water and air pollution, habitats of plants and animals, chemical cycles, wildlife conservation, and stream study. Field trips to Rocky Fork Creek, projects, labs, role plays, and a debates about current environmental issues are highlights of the course.

**AP ENVIRONMENTAL SCIENCE (LAB) -- LIFE**

COURSE CODE (3230) • CREDIT 1 (E)  
• GRADES 11-12 • Fee: \$86 • PREREQUISITE: BIOLOGY WITH A GRADE OF “B” OR HIGHER

This is the equivalent of a college introductory laboratory course in environmental science. The goal of the

AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students taking AP courses are required to take the AP exam.

**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 metabolism, disease and host defenses, antibiotic and chemical therapy, 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 a part of the LHS Science Academy.

**DB MILLENNIUM SCIENCE 1 (LAB) - - PHYSICAL**

COURSE CODE (3101) • CREDIT 1 (E)  
• GRADES 11-12 • PREREQUISITE: BIOLOGY

Millennium Science is a course that focuses on the study of physical and earth sciences, using a hands-on, interactive approach with an emphasis on engineering principles. Topics covered include physics (motion laws and aerodynamic design), energy conversions and alternatives, electronics, weather, and BASIC robotics. Projects to be completed during this course may include: gliders, pop-bottle rocket cars, mousetrap racers, eLab Legos, breadboard electronics and an introduction to micro-controllers and robotic programming (BOE-bot). TI-83+, TI-84+, or Silver Edition calculators and a thumb drive are highly recommended.

**DB MILLENNIUM SCIENCE 2 (LAB) - - PHYSICAL**

COURSE CODE (3102) • CREDIT 1 (E)  
• GRADES 11-12 • PREREQUISITE: MILLENNIUM SCIENCE 1

A continuation of the principles learned in Millennium Science I (3101), this course covers applications associated with advanced robotics (SUMO-bot) and sensor control. Students may use

microprocessors to log data, interact with their environment, and simulate realistic situations. Using physical and Earth sciences as the foundation, varying topics such as thermodynamics, projectile and satellite motion, the solar system, universe formation, and nuclear energy will be studied. Sample projects may include: sumo wrestling robots, straw rockets, game programming, and remotely operating a water pump based off sensor data. TI-83+, TI-84+, or Silver Edition calculators and a thumb drive are highly recommended.

**EASTLAND  
FAIRFIELD**

**INFORMATION**

**PDF FILE**

***...secure your future.***

# Course Fees

For the 2011-2012 school year

## GENERAL INSTRUCTIONAL FEE: \$25 PER STUDENT PER YEAR

CODE	COURSE	FEE	CREDIT
4030	Accounting .....	\$20 .....	1/2
6051	Advanced Computer Art.....	\$30 .....	1/2
6058	Advanced Painting.....	\$30 .....	1/2
6201	Advanced Two Dimensional Concepts .....	\$30 .....	1
6250	Advanced Three Dimensional Concepts.....	\$30 .....	1
5300	Architectural Technology.....	\$25 .....	1/2
5740	Creating A Place of Your Own.....	\$15 .....	1/2
5750	Career Passport.....	\$10 .....	1/2
6053	Computer Art I.....	\$30 .....	1/2
6054	Computer Art II.....	\$30 .....	1/2
6364	Digital Photo .....	\$30 .....	1/2
5240	Drafting I.....	\$25 .....	1/2
5270	Drafting II/C.A.D.D. ....	\$25 .....	1/2
7400	Health Issues.....	\$20 .....	1/2
5050	Home Maintenance 101.....	\$15 .....	1/2

### International Languages Note:

STUDENTS TAKING SPANISH III, FRENCH III OR GERMAN III THAT DO NOT HAVE A II WORKBOOK SHOULD PURCHASE ONE FOR \$16. STUDENTS TAKING MANDARIN CHINESE II THAT DO NOT HAVE A MANDARIN CHINESE I WORKBOOK SHOULD PURCHASE ONE FOR \$16

### Spanish I , II & IV, French I , II & IV, German I , II & IV

Latin I, II, III, IV & V, and Mandarin Chinese I, III & IV .....	\$16 .....	1
6061 Introduction to the Visual Arts .....	\$30 .....	1
2000 LINC Internship I.....	\$10 .....	1/2
5030 Manufacturing Technology I .....	\$30 .....	1/2
6057 Painting .....	\$30 .....	1/2
6362 Photography I.....	\$30 .....	1/2
6363 Photography II.....	\$30 .....	1/2
6052 School to Work Advanced Graphics.....	\$30 .....	1/2
6055 Senior Art Portfolio .....	\$30 .....	1
6059 Senior Art Survey .....	\$30 .....	1/2
2910 Technology System/Lab .....	\$30 .....	3/4
6101 Two Dimensional Concepts.....	\$30 .....	1
6150/6151 Three Dimensional Concepts/DB 3Dim .....	\$30 .....	1

### AP COURSE FEES

CODE	COURSE	FEE	CREDIT
3855	Advanced Placement Calculus AB .....	\$86 .....	1
????	Advanced Placement Calculus BC.....	\$86 .....	1
3865	Advanced Placement Statistics .....	\$86 .....	1
1340	AP English Language and Composition.....	\$86 .....	1
1343	Advanced Placement Literature .....	\$86 .....	1
2285	Advanced Placement Psychology .....	\$86 .....	1
2460	Advanced Placement U.S. Government .....	\$86 .....	1
2425	Advanced Placement U.S. History.....	\$86 .....	1
3450	Advanced Placement Chemistry.....	\$86 .....	1
3150	Advanced Placement Biology .....	\$86 .....	1
3230	Advanced Placement Environmental Science.....	\$86 .....	1
1580	Advanced Placement French V (AP).....	\$106 .....	1
1680	Advanced Placement German V (AP).....	\$86 .....	1
1880	Advanced Placement Spanish V (AP).....	\$106 .....	1

# TELEPHONE NUMBERS

<b>Gahanna Lincoln High School</b> .....	478-5500
Gahanna Lincoln High School Fax Number.....	337-3769
<b>Administration</b>	
Dwight Carter, <i>Principal</i> .....	478-5500
John Rathburn, <i>Assistant Principal</i> .....	478-5515
Robin Murdock, <i>Assistant Principal</i> .....	478-5515
Ronald Foltz, <i>Assistant Principal</i> .....	478-5515
Art Prince, Ph.D. <i>Assistant Principal</i> .....	478-5515
Ralph Walton, <i>Assistant Principal</i> .....	478-5515
Justin Sanford, <i>Athletic Director</i> .....	478-5518
Brooke Menduni, <i>Dean of Curriculum &amp; Instruction</i> .....	478-5500
Cindy Shelton, <i>Main Office Secretary</i> .....	478-5500
Effie Johnson, <i>Main Office Secretary</i> .....	478-5500
Amy Carter, <i>Attendance Secretary</i> .....	478-5515
Amber Stevens, <i>Attendance Secretary</i> .....	478-5515
Gayle Levine, <i>Athletic Secretary</i> .....	478-5518
<b>Counseling Center</b>	
Guidance Center Fax Number.....	416-6488
Susan Moore, <i>Guidance Counselor, A-Ca &amp; Career Centers</i> .....	478-5508
Melissa Monnig, <i>Guidance Counselor, Cb-F</i> .....	478-5508
Jim Lewis, <i>Guidance Counselor, G-Ho &amp; Career Centers</i> .....	478-5508
Lauren Cloud, <i>Guidance Counselor, Hp-Ma</i> .....	478-5508
Rod Tolliver, <i>Guidance Counselor, Mb-Pl</i> .....	478-5508
Jenny Savakinas, <i>Guidance Counselor, Pm-Sp</i> .....	478-5508
Bernie Hahn, <i>Guidance Counselor, Sq-Z</i> .....	478-5508
Kristine Myer, <i>Records Secretary</i> .....	478-5508
Ruth Boder, <i>Guidance Secretary</i> .....	478-5508
Lorie McCarter, <i>Clerk/Typist</i> .....	478-5508
Johnel Amerson, <i>Psychologist</i> .....	478-5508
Dr. Rochelle Dunn, <i>Mental Health Specialist; Safe &amp; Drug Free Schools Coordinator</i> .....	337-3768
<b>Career Centers</b>	
Eastland Career Center.....	836-5725
Fairfield Career Center.....	837-9443
<b>Library/Media Center</b>	
Dana Johnson, <i>Librarian</i> .....	478-5500
Ann Gleek, <i>Librarian</i> .....	478-5500
Bonnie Azeltine, <i>Librarian Secretary</i> .....	478-5500
<b>Department Facilitators</b>	
Art/Music.....	Lee Hirtle
Business/Computer/Technology/Work & Family.....	Marcie Aiello
English.....	Mark Miller
Guidance.....	Jenny Savakinas
International Languages.....	Anne Jackson
Mathematics.....	Tim Gagliardo
Physical Education/Health.....	Scott Meadows
Science.....	Fred Donelson
Social Studies.....	Dave Woodruff
Special Education.....	Kristi Dorn-Wachtel

**GAHANNA LINCOLN HIGH SCHOOL**

**BASIC REQUIREMENTS FOR GRADUATION**

**CLASS OF 2012-2013**

- 4 credits**      **English\***
- 3 Credits**      **Math**
- 1 Credit**      **Biological Science**
- 1 Credit**      **Physical Science**
- 1 Credit**      **Additional Science**
- 1 Credit**      **U.S. History**
- 1 Credit**      **Global Studies**
- 1 Credit**      **U.S. Government**
- 2 Sem.**      **Physical Education**
- ½ Credit**      **Health**
- ½ Credit**      **Career Passport (2011 only)**
- ½ Credit**      **Info Tech**

**Remaining Classes/Credits in Electives. One full credit or two half credits must include: Business/Technology, Fine Arts, or Foreign Language.**

**20 Total Credits required for Graduation.**

*\* English 9, 10, 11, 12 and Speech*

*All parts of the Ohio Graduation Test must be passed in order to earn a diploma from Gahanna Lincoln High School.*

9 <sup>th</sup> grade – 1 <sup>st</sup> Semester		9 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 ENGLISH 9		1 ENGLISH 9	1
2 MATH		2 MATH	1
3 INT. SCIENCE		3 INT. SCIENCE	1
4 GLOBAL STUDIES		4 GLOBAL STUDIES	1
5 LUNCH		5 LUNCH	
6 SPEECH (9 <sup>th</sup> or 10 <sup>th</sup> grade)	½	6 PHYSICAL EDUCATION	¼
7 INFO TECH	½	7	
8		8	

10 <sup>th</sup> grade – 1 <sup>st</sup> Semester		10 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 ENGLISH 10		1 ENGLISH 10	1
2 MATH		2 MATH	1
3 SCIENCE (BIO)		3 SCIENCE (BIO)	1
4 HEALTH	½	4 PHYSICAL EDUCATION	¼
5 LUNCH		5 LUNCH	
6 SPEECH (9 <sup>th</sup> or 10 <sup>th</sup> grade)	½	6	
7 US HISTORY		7 US HISTORY	1
8		8	

11 <sup>th</sup> grade – 1 <sup>st</sup> Semester		11 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 ENGLISH 11		1 ENGLISH 11	1
2 MATH		2 MATH	1
3 SCIENCE		3 SCIENCE	1
4 LUNCH		4 LUNCH	
5 CAREER PASSPORT (2011)	½	5	
6		6	
7		7	
8		8	

12 <sup>th</sup> grade – 1 <sup>st</sup> Semester		12 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 US GOVERNMENT		1 US GOVERNMENT	1
2 ENGLISH	½	2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

Your four year plan Sheet.

**BASIC REQUIREMENTS  
for GRADUATION**

**CLASS of  
2014-2015**

- 4 Credits English\***
- 4 Credits Math**
- 1 Credit Biological Science**
- 1 Credit Physical Science**
- 1 Credit Additional Science**
- 1 Credit U.S. History**
- 1 Credit Global Studies**
- 1 Credit U.S. Government**
- 2 Sem. Physical Education**
- ½ Credit Health**
- ½ Credit Info Tech**
- 1 Credit VPA**

**Remaining Classes/Credits in Electives.  
One full credit or two half credits must  
include: Business/Technology, Fine Arts,  
or Foreign Language.**

**20 Total Credits required for  
Graduation.**

*\* English 9, 10, 11, 12 and Speech*

*All parts of the Ohio Graduation Test must be  
passed in order to earn a diploma from  
Gahanna Lincoln High School.*

**GAHANNA LINCOLN HIGH SCHOOL**

9 <sup>th</sup> grade – 1 <sup>st</sup> Semester		9 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 ENGLISH 9		1 ENGLISH 9	1
2 MATH		2 MATH	1
3 INT. SCIENCE		3 INT. SCIENCE	1
4 GLOBAL STUDIES		4 GLOBAL STUDIES	1
5 LUNCH		5 LUNCH	
6 SPEECH (9 <sup>TH</sup> or 10 <sup>th</sup> )	½	6 PPHYSICAL EDUCATION	¼
7 INFO TECH	½	7	
8		8	

10 <sup>th</sup> grade – 1 <sup>st</sup> Semester		10 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 ENGLISH 10		1 ENGLISH 10	1
2 MATH		2 MATH	1
3 SCIENCE (BIO)		3 SCIENCE (BIO)	1
4 HEALTH	½	4 PHYSICAL EDUCATION	½
5 LUNCH		5 LUNCH	
6 SPEECH (9 <sup>TH</sup> or 10 <sup>th</sup> )	½	6	
7 US HISTORY		7 US HISTORY	1
8		8	

11 <sup>th</sup> grade – 1 <sup>st</sup> Semester		11 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	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		6	
7		7	
8		8	

12 <sup>th</sup> grade – 1 <sup>st</sup> Semester		12 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1 US GOVERNMENT		1 US GOVERNMENT	1
2 MATH		2 MATH	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

*Your four year plan Practice Sheet.*



**GAHANNA LINCOLN HIGH SCHOOL**

9 <sup>th</sup> grade – 1 <sup>st</sup> Semester		9 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

10 <sup>th</sup> grade – 1 <sup>st</sup> Semester		10 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

11 <sup>th</sup> grade – 1 <sup>st</sup> Semester		11 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

12 <sup>th</sup> grade – 1 <sup>st</sup> Semester		12 <sup>th</sup> grade – 2 <sup>nd</sup> Semester	
Period	Credit	Period	Credit
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	