

St. Charles East High School



*Courses
Offering
2006-2007
Book*



St. Charles North High School

District 303 Vision Statement

The District 303 School Community Empowers and Inspires ALL to

- Attain excellence
- Learn with passion, and
- Live with integrity in a changing world

Goals

- Improve learning, teaching and communication through the effective, efficient and integrated use of technology by all students and staff.
- Create safe and secure learning communities where all members demonstrate respect, responsibility and good citizenship.
- Attract and keep high quality staff who model the district vision.
- Create a continuous development and renewal system for all staff.
- Improve individual student achievement and personal growth.

Table of Contents

Introduction

Admission Requirements for Public Universities	1
Advanced Placement Tests.....	7
Audit.....	2
College Entrance Tests.....	6
Correspondence Courses.....	5
Course Add, Drops and Level Changes.....	4
Course Fees.....	5
Course Number System.....	7
Course Retakes.....	2
Grade Definitions.....	2
Grade Weighting.....	3
Graduation Requirements.....	1
Homebound Instruction.....	5
Honor Roll.....	3
Honors and Advanced Placement Courses.....	3
Illinois Standardized Tests.....	6
Incompletes.....	2
Independent Service and Independent Study.....	4
Middle School Credit.....	1
NCAA Clearing House.....	7
Off-Campus Offering.....	5
Pass/Fail.....	2
Registration.....	5
Selecting Courses.....	3
Semester Grades.....	2
Students Schedules.....	3
Summer School.....	4
Transcripts.....	5

Learning Areas

Global Studies	
Social Studies.....	8
World Language	11
English Language Learners.....	15
Humanities	
Art.....	16
Drama.....	20
English.....	21
Music.....	27
Math & Business	
Business.....	31
Math.....	36
Science & Technology	
Science.....	40
Technology.....	45
Special Education	
Special Education.....	49
Wellness	
Family and Consumer Science, Psychology & Sociology.....	51
Driver Education, Health Education, and Physical Education.....	55

Resource/Study Halls.....	58
----------------------------------	-----------

Off-Campus

Apprenticeship and Internships.....	30, 59
Education to Careers & Fox Valley Career Center.....	59

Student Programs

Each student will develop a four-year plan for the courses to be taken during his/her high school career. The plan should take into consideration graduation requirements and the student's post-high school plans. Individual college and university entrance requirements should be considered as well as requirements for entrance into specific careers. Consideration should also be given to the student's ability level and interests.

MINIMUM REQUIREMENTS FOR GRADUATION FROM ST. CHARLES HIGH SCHOOLS

<u>Course</u>	<u>Credits</u>
English	4.0
<i>Speech</i>	<i>0.5 (For the class of 2007)</i>
Mathematics	3.0
Science	2.0
U.S. History	1.0
Global Issues	1.0
Government	0.5
Economics or Consumer Education	0.5
Health	0.5
Physical Education	3.5
Electives	7.0
TOTAL CREDITS	23.0

English Requirements

Four English credits are required for graduation. In order to meet graduation requirements students must be enrolled in an English course each semester.

Consumer Education

All students are required to fulfill a consumer education requirement. Students can enroll in a one-semester economics course, AP Macro Economics or an approved consumer education course (Co-op Work Training I, Distributive Education I). Students who are able to pass the state-administered proficiency examination in consumer education are not required to enroll in an economics course. They will not earn a 0.5 credit for passing the test and must still meet the minimum number of credits (23) required for graduation.

Mathematics

Students entering high school as 9th graders in the 2005-2006 school year and thereafter will be required to earn three credits in mathematics, one of which must be Algebra I and one of which must include geometric content.

Elective Requirements

At least two of the required elective credits must include any of the following subject areas: art, music, theatre, world languages, business education, family and consumer science, or technology education.

Physical Education Requirements and Exemptions

Students must participate in physical education during each semester they are enrolled in school unless:

The student is enrolled in health education (for the first time)

The student is enrolled in driver education (for the first time)

The student receives an exemption.

Note: Students may elect to stay in physical education in lieu of an eligible exemption.

Driver Education Requirement

Students must have earned a passing grade in at least 8 courses from their previous two semesters in order to be eligible for driver education. Students are placed in Driver Education according to their date of birth.

ADMISSION REQUIREMENTS TO PUBLIC UNIVERSITIES IN ILLINOIS

It is important to emphasize that the graduation requirements listed previously represent the minimum program of studies for St. Charles High School students. Entrance requirements to particular colleges and universities may be considerably more stringent. The following high school program indicates minimal and recommended requirements for admission to all public universities in Illinois:

<u>University Course Requirement</u>	<u>Minimum</u>	<u>Recommended</u>
English – Emphasis on written and oral communications and literature	4.0	4.0
Mathematics – Including geometry, algebra, advanced algebra, trigonometry, or fundamentals of computer programming	3.0	4.0
Science - Emphasis on laboratory sciences	3.0	3.0
Social Studies – Emphasis on history and government	2.5	3.0
Electives – Four semesters in world languages, art or music or other academic courses.	2.0	2.0

See your counselor for details on specific course requirements and an explanation as to how electives may be used to fulfill some requirements. You are encouraged to contact individual colleges and universities for most current information.

HIGH SCHOOL CREDIT FOR MIDDLE SCHOOL COURSES

World language courses, Algebra I, Algebra II or Geometry courses taken in middle school count for high school placement purposes only. **No high school credit is awarded for these courses.** Middle school courses do not qualify for NCAA core credit. Middle school mathematics courses do not count towards the three year state graduation requirement. The high school transcript begins with 9th grade.

Grading

The goals of education are accomplished by the pursuit of knowledge and understanding rather than the pursuit of grades.

The high school uses the letter grading system to represent the different levels of achievement recognized in each course:

- A:** This grade indicates clear and convincing evidence of deep knowledge and detailed understanding of the concepts and skills learned in the course.
- B:** This grade indicates evidence of substantial knowledge and consistent understanding of the concepts and skills learned in the course.
- C:** This grade indicates evidence of basic knowledge and understanding of the concepts and skills learned in the course.
- D:** This grade indicates evidence of limited knowledge and understanding of the concepts and skills learned in the course.
- F:** This grade indicates that the student has not met minimum requirements and will receive no credit. Evidence of knowledge is incomplete or has so many misconceptions the student cannot be said to understand the concepts learned in the course.
- E:** This grade will be applied only when warranted by extenuating circumstances and must be approved by the Assistant Principal for Curriculum and Instruction. This mark indicates that the student has made significant effort toward completing course goals, but has not met the minimum requirements of the course. The student will receive credit for the course.
- P:** This grade indicates that a student who has elected to take a course pass-fail has met requirements for the course and will receive credit.
- W:** Withdraw, no penalty.
- I:** This grade indicates incomplete work and no credit. *Incomplete grades are changed to F if the student does not complete the work in three weeks.*
- T:** Audit
- WF:** A student will receive no credit for the course. This grade indicates the student has been withdrawn from the course after three weeks. The grade of failure will be used to calculate the student's grade point average.
- NC:** A student in independent service who is unable to fulfill the service obligation will receive no credit.

SEMESTER GRADES

Report cards are sent home at the conclusion of each quarter and semester. **The official grades are semester grades and only these grades appear on the student's transcript.**

At the beginning of a course each teacher will explain course expectations and the factors to be used in determining grades.

The semester grade represents an assessment of student performance for one semester. Semester grades are based upon numerous assessments involving one or more of the following:

- Formal written examination
- Creative products (written, constructed, or performed)
- Oral examinations
- Other forms of evaluation that give appropriate evidence of course mastery, as developed by the teacher and the instructional coordinator

A final assessment will not contribute more than twenty (20) percent to the semester grade.

PASS FAIL

A student may elect to take **one** course per semester on a pass-fail basis excluding physical education. Students must complete a pass-fail form available in the counseling office. The student may choose this option if a letter grade is received in 2½ academic credits per semester (2 credits during the senior year). **Required courses may not be taken pass-fail.** Pass-fail credit will count toward graduation, but will not be used in computing grade point average if a P grade is earned. If an F grade is received, it will be used in calculating grade point average. Courses that are offered as pass-fail only will not count against the one pass-fail elective.

INCOMPLETES

Incomplete grades will be used only in extreme situations. A student who because of illness or for other legitimate reasons has not completed the required work may receive a grade of incomplete from a teacher. Students who have incompletes recorded on their report cards will have up to three weeks following the end of the grading period to complete their assignments. An incomplete not made up by the end of the three-week period will be recorded as a failure for the course.

AUDIT (NO CREDIT)

A student may audit a course if there is space available after the course has begun. The student is required to participate in the course fully and maintain acceptable attendance.

Permission of the parent, teacher, instructional coordinator and counselor is necessary for audit enrollment.

COURSE RETAKES

Students may retake an exact course one time. The original grade will remain on the transcript; however the G.P.A. will be determined by using the points from the higher of the two grades. Duplicate credit will not be issued. Students must complete a Course Retake Form available in the counseling office before enrolling in the course.

ADVANCED PLACEMENT COURSES

The following Advanced Placement courses are offered at St. Charles High Schools:

AP Studio Art	AP Biology
AP Calculus AB	AP Calculus BC
AP Chemistry	AP Macroeconomics
EP French Language	AP Environmental Science
AP German Language	AP Latin
AP Spanish Language	AP Spanish Literature
AP Government	AP History
AP Statistics	AP Physics
AP Music Theory	AP Psychology
AP English Language and Composition	
AP English Literature and Composition	

The Advanced Placement courses offer high school students an opportunity to study college level material while still enrolled in high school. **All students who enroll in Advanced Placement Courses are required to take the Advanced Placement exam in May.** By participating in the Advanced Placement examination program, students may receive advanced placement, credit, or both for a specific college or university. Check with specific colleges or universities to see if Advanced Placement credit is accepted.

GRADE WEIGHTING

All courses will receive the same weighting except for courses designated honors or Advanced Placement.

Grades	Grade Weighting	Honors/AP Grade Weighting
A	5.0	6.0
B	4.0	5.0
C	3.0	4.0
D	2.0	2.0
F	0.0	0.0

In order for a course to receive "extra weighting" the course includes at least five of the seven characteristics listed below.

- The course includes college level content or syllabus.
- The quantity of learning activities, projects and assignments in the course is significantly more than in other courses.
- The ideas and concepts studied in the course are significantly more complex than in other courses.
- The pace is accelerated in comparison to other courses.
- The course includes assessments in the areas of analysis, synthesis, and evaluation.
- The time required outside of regular class period is significantly more than in other classes.
- The course completes the sequence of classes/ programs.

In the future, courses may be added or deleted from this list depending upon whether they meet the established criteria.

HONOR ROLL

Honor rolls will be published at the end of each semester. Only semester grades will be used to compute honor rolls. Students with only A's and B's will be placed on the honor roll. Students with all A's will be placed on the high honor roll. Honor roll information is considered **directory information** and as such parents must notify the school if they do not want their student's name released to the general public. Grades in physical education contribute to the student's honor roll placement.

Scheduling

Each year, the St. Charles High Schools create new master schedules to accommodate student requests for courses. Student course requests are shared with counselors during registration. Students will receive their schedules at material pick up day.

STUDENT SCHEDULES

All students who attend Community Unit School District 303 high schools must be full-time students. A full-time student is defined as a student whose schedule includes six credit producing classes each semester, one of which must be physical education, or the equivalent.

Participation in student programs, including WECEP, Cooperative Education, Fox Valley Career Center (FVCC) or course work at Elgin Community College, provides blocks of credit and qualify as part of a full-time student schedule.

As part of the academic day, student schedules may include a lunch/study and/or a full study hall. Although not credit bearing, regardless of where the study hall falls in the day, all students are expected to attend their study halls and will be held accountable for their attendance.

SELECTING COURSES

Each year students will participate in a course selection process during which they request courses for the following year. After students receive their course verification forms, they may amend their course requests for the following year until the last day of the 3rd quarter.

After the 3rd quarter deadline, the following circumstances will be considered a valid reason for changing a course request:

- Student lacks a prerequisite for a course
- A different course is needed to meet graduation requirements.
- Error in recording student information
- Student fails a required course
- An institution of high learning recommends in writing an additional course

Additional Credit Options

INDEPENDENT SERVICE

Independent service is an opportunity for students to participate in various support positions within the education community. The type of service may include lab assistants, office aides, media and computer classroom aides, and similar support positions. **The maximum combined credit earned through correspondence courses and independent study and independent service to be applied toward graduation is two credits.** The following guidelines have been established for the offering of independent service:

- Daily attendance and completion of tasks is required.
- The application should have the approval of teacher/supervisor, parent, instructional coordinator and counselor.
- Independent service can only be taken on a semester basis.
- At the end of the semester the student must be enrolled in courses that carry a total of at least 2½ credits excluding physical education to receive independent service credit.
- The maximum service credit per semester is limited to ¼ credit.
- Grading will be on a pass/no credit basis.

INDEPENDENT STUDY

The purpose of the independent study program is enrichment in an instructional area where a student has taken all of the available course work. The rigor of an independent study must be equal to or exceed other curricular offerings in the subject area. In addition, the assessment(s) must illustrate student-learning equal to or above the standards set for the instructional area. Students who participate in the independent study program should be able to work independently and be able to dedicate the time necessary to fulfill the criteria. **The maximum combined credit earned through correspondence courses and independent study and independent service to be applied toward graduation is two credits.** The following guidelines have been established for the offering of independent study:

- Independent study is restricted and may not be used as a substitute for existing or required courses in the curriculum.
- A course required for graduation may not be taken.
- The application should have the approval of teacher, parent, instructional coordinator and counselor.
- The student and teacher will meet on a daily basis.
- Independent study can only be taken on a semester basis.
- At the end of the semester the student must be enrolled in courses that carry a total of at least 2½ credits excluding physical education to receive independent study credit.
- The maximum independent study credit per semester is limited to ¼ credit.
- Grading will be on a pass-fail basis.

SUMMER SCHOOL

Community Unit School District 303 offers a fee based summer school program. The summer school session typically begins the week following the end of the school year. The grade and credit for a course taken during summer school will be included in the transcript for the semester following summer school. District #303 does not provide transportation for summer school students.

SUBSTITUTING A COURSE

Prior to the beginning of the school year between materials pick up days and the Wednesday before school starts, students may substitute a course that has seats available in it for a course in their schedule. The course that is being substituted must meet during the same period and must maintain the student's progress toward graduation. Courses dropped during the course substitution period will not appear on the transcript. After the course substitution period, no schedule changes will be made until after the sixth day of school.

ADDING A COURSE

Students may add a course to their schedules to replace a dropped course or a study hall between the sixth and the tenth days of school provided there are seats available in the course and it meets during the same period.

DROPPING A COURSE

Students enrolled in more than 6 credit producing courses may withdraw from a course without penalty between the sixth and the twentieth days of the semester. Any withdrawal from a course between the sixth and the twentieth days of school will be indicated by a 'W' on the transcript. A course dropped after the twentieth day of the semester will be indicated by a 'WF' on the transcript. The grade of Failure will be used to calculate the student's grade point average. The approval of a counselor and a parent/guardian is necessary in order to drop a course.

CHANGING LEVELS

We expect students to be successful in the courses they have selected because they are assisted in making appropriate course selections and are provided with academic support. If there is a significant discrepancy between the student's performance and the expectations for that level of course work, considering the student's best efforts, a level change may be considered. The teacher, parent, student, and instructional coordinator confer on the change and, if in agreement, contact the student's counselor. If parent and teacher are not in agreement, a conference should be held among parent, teacher, counselor, student and instructional coordinator to determine appropriate placement. No changes will be made to accommodate personal preference. **Students must remain in class until the level change is approved and re-scheduled by the counselor.**

Note: A level change will be made only if there is a seat available.

CHANGING TEACHERS

It is not our practice to change a student's teacher. However, when one (or more) of the following circumstances exists, we **may** consider a teacher change:

- The student has taken the same course with the teacher and failed the course
- There is a documented conflict between the student and the teacher on file with the administration
- There is a documented conflict between the student's sibling and the teacher on file in with the administration

Student Records

CORRESPONDENCE COURSES

The administration may allow one credit (two semester courses) from an accredited correspondence school, recognized internet courses, distance learning or other emerging technologies, to apply toward high school graduation requirements. In special cases the Principal may allow up to two credits earned to be applied. Students will be responsible for tuition. Coursework submitted for approval must be accredited through the North Central Association of Schools and Colleges or the Illinois State Board of Education or another state's board of education. **The maximum combined credit earned through correspondence courses and independent study and independent service to be applied toward graduation is two credits.** Correspondence courses may not be substituted for required courses or for any course currently offered at the school. **Prior to taking the course, students must receive correspondence course approval by the completion of the Alternative Scheduling Form available in the counseling office. Students will be responsible for tuition.**

HOMEBOUND INSTRUCTION

Homebound services are provided when, in the opinion of a licensed medical physician, the student will be absent from school and confined to a hospital or home for more than two weeks. Participation in a homebound program is established through CUSD 303 Special Education Office. Included in this process is contact with the district Special Education Office, a medical certification from the treating doctor, assignment of a tutor and/or contact with the cooperating hospital program, and an ongoing working relationship with the high school counselor. Upon completion of the homebound period, the treating physician must provide written clearance before the student may return to school. Some specialized course work, such as laboratory classes, performance classes, foreign language classes, and advanced course work may not be duplicated in the homebound setting. The student may be withdrawn without penalty from that course work and may make up the course at a more appropriate time. Please contact the district Director of Special Education for complete details.

OFF-CAMPUS OFFERINGS

Students have the opportunity to participate in courses that are not taught on the high school campus. Fox Valley Career Center (FVCC) offers courses that provide skills for those directly entering an occupational area. Students enrolled in off-campus FVCC programs will follow the attendance calendar for Kaneland High School. **St. Charles High Schools will provide transportation to and from the career center.**

St. Charles High School Students may attend Elgin Community College (ECC) for enrichment, make-up credits, and/or participate in the Education-to-Career program. See your counselor for the necessary details and registration forms.

The internship program is a partnership with the business, industrial and service communities of Community Unit School District 303. The program provides students with a chance for hands-on career exploration.

TRANSCRIPTS

A high school transcript is a legal document and is protected under the Family Educational Rights and Privacy Act (FERPA). The school must receive a written request, with signatures from the student and parent, before an official transcript can be released or sent to a post-secondary institution. Students may obtain unofficial copies of their transcripts from the school's registrar. A fee may be required. D303 high school transcripts provide both weighted and unweighted grade point average.

When a student transfers to a D303 high school, previous classes are matched to D303 classes as closely as possible. If a transfer student has taken a class we do not offer, a generic code from that department will be given. If a transfer class was taken at the honors level and we offer the same class at the honors level, then honors credit/weighting will be given. If D303 does not offer the class at the honors level, then regular credit/weighting will be given. If a student is transferring from a state where 4 years of PE is NOT required, other electives will be substituted to make up those credits and the student will be required to enroll in PE for all subsequent semesters.

REGISTRATION

All students must complete the registration process by paying fees. Fees may be paid either through the mail-in registration process or by coming to the student's high school during the designated fee days. If a student has not attended school by the tenth day of the fall term and has not been excused by a parent/guardian, the student's schedule will be deleted. The student is welcome to re-enroll and will be expected to complete the registration process and pay fees at the time of re-enrollment. The student whose schedule has been deleted is not guaranteed a duplicate schedule at re-enrollment. Students who are new to the district should register at the high school. At registration, it will be necessary to produce documents that include the following: evidence of residency, a copy of the student's birth certificate and social security number, student health records, transcript/academic information from the student's previous school, Illinois schools Student Transfer Form indicating leaving in good standing, and verification of guardianship when necessary. A student new to the district may not enroll without these documents.

COURSE FEES

Courses with fees are indicated in the course description section. The fees are used to cover costs for consumable supplies, supplementary books and workbooks. These fees vary from year to year and are established in May prior to the mailing of the registration materials. A statement indicating the required fees each student must pay is included with the registration materials. Because course materials are purchased during the summer, students who drop a course from their schedule after June 15th will be responsible for the course fee – no refunds will be given.

High School Standardized Testing

High school students have the opportunity to participate in a range of standardized tests. The results of these tests provide students, parents, school personnel, and other organizations (e.g. colleges, Illinois State Board of Education) important information about individual student achievement.

ILLINOIS STANDARDIZED TESTS

ICEPT

The ICEPT (Illinois Consumer Education Proficiency Test) is provided by the Illinois State Board of Education twice a year to allow students the opportunity to meet its consumer education requirement. Students who pass this test meet the state and district requirement for consumer education/economics and are exempt from coursework to meet this requirement. Passing the ICEPT **does not** result in the student receiving academic credit in consumer education. Students will be notified each year as to when the consumer education proficiency exam will be given.

PSAE

The PSAE (Prairie State Achievement Examination) is an achievement test that measures the progress that juniors have made toward meeting the Illinois Learning Standards in reading, mathematics, and science. **The State of Illinois requires all juniors to take the PSAE as a condition of receiving a regular high school diploma.** The PSAE results appear on student transcripts and are a part of each student's permanent school record.

Day one of the PSAE is a State administered ACT assessment. The ACT assessment consists of achievement tests in English, mathematics, reading, and science. Day two of the PSAE consists of an ISBE-developed test in science and ACT-developed WorkKeys tests in reading and mathematics.

The ACT scores from the PSAE are actual ACT scores and are accepted by colleges as part of the admission process. The State administered PSAE ACT does not, however, meet the current NCAA initial eligibility requirement. The WorkKeys scores earned on the PSAE are the same scores that many companies use to screen potential employees and are useful to students as they seek employment.

Students who achieve "Exceeds" standards scores in reading, mathematics, or science receive the special recognition of the Prairie State Achievement Awards. These achievements are noted on their transcripts and bring special recognition to the students.

COLLEGE ENTRANCE TESTS

PLAN

The PLAN test is the sophomore practice test for the ACT college entrance examination. The PLAN also helps students prepare for the ACT portion of the Prairie State Achievement Examination given to all juniors. The PLAN contains a career exploration interest inventory and four academic achievement tests in English, Mathematics, Reading, and Science Reasoning that simulate the ACT exam. All St. Charles High School sophomores are required to take the PLAN exam.

PSAT/NMSQT

The PSAT/NMSQT is designed to be a practice for the SAT test. While the test is designed for juniors, sophomores may take the test. The test taken during the junior year is used in entering the National Merit Scholarship Corporation competition for scholarships and recognition. The PSAT is a voluntary test. Registration for the PSAT begins in September. The test is given in October.

SAT I & SAT II

The SAT is a college admission testing program consisting of the Scholastic Aptitude Test (SAT I) and Subject Tests (SAT II). These tests are voluntary. The **SAT I** is a three-hour test, primarily multiple choice, that measures verbal and mathematical reasoning abilities and writing skills. The **SAT II** consists of one-hour tests measuring a student's knowledge in a particular subject. A maximum of three SAT II subject tests can be taken during the testing period on any one day. Students should check college catalogs to determine if the SAT II tests are required for the colleges to which they are applying.

Both the SAT I and SAT II are offered multiple times throughout the year at various testing sites listed in the registration booklet. Students registering for the SAT I and SAT II must pick up registration packets in the Counseling Office, complete the forms and send them with a check or money order to the College Board in Princeton, NJ. Registration for the SAT I test date at St. Charles begins in February.

ACT

The ACT (American College Testing Program) is a college admission test. Students should carefully check the college catalogs of the schools they want to attend to determine if the ACT is required for admission. The ACT measures the knowledge, understanding and skills that a student has acquired in the areas of: English, Mathematics, Reading, and Science Reasoning. The ACT also has an optional Writing test that students may register to take. Students should check with colleges to determine if they require the written portion of the test. It is recommended that the ACT be taken in the spring or summer of a student's junior year. These nationally administered ACTs are offered multiple times throughout the year at various testing sites listed in the registration booklet. Nationally administered ACTs are required for NCAA Initial Eligibility. The ACT is also included in Day one of the State administered Prairie State Achievement Exam.

ADVANCED PLACEMENT TESTS

AP Testing

The AP (Advanced Placement) examinations are given each year in May. **All students who are enrolled in AP classes are required to take the AP Exam for that course.** Capable students, who have advanced preparation and understanding of a particular field of study, can receive college credit and/or advanced standing for work done while in high school. The examinations are given in many fields. Most of the students who take these exams are enrolled in formal AP courses; however, students may take an AP exam without taking an AP course. AP examinations can be described as “tough, but fair.” While these three-hour exams vary from discipline to discipline, most involve both multiple-choice sections and free-response, essay sections. The test is scored 1 to 5, with 5 the highest. Colleges treat the examinations differently; however, many will grant college credit for scores from 3 to 5. In reviewing student applications, colleges look favorably upon courses designated as AP since these courses represent more rigorous content than the standard high school curriculum.

Please refer to the College Board website for further information. www.collegeboard.com/parents

OTHER ACADEMIC ACHIEVEMENT TESTING

District 303 administers other standardized tests to assess the academic progress of its students. The results of these assessments are used to provide students academic advisement and monitor the effectiveness of the District’s academic programs.

NCAA

To participate in athletic competition at a Division I or II School, students must meet NCAA initial eligibility requirements. Please see the website at www.NCAAclearinghouse.net for details about eligibility requirements and a complete list of approved core courses. You may also see your counselor for NCAA information.

Course Numbering System

The following information is a guide to understanding the course numbering system.

Learning Area	Disciplines
Global Studies	GF = Foreign Language GH = History
Humanities	HA = Art HD = Drama HE = English HM = Music
Math & Business	MB = Business MM = Math
Science & Technology	SS = Science ST = Technology
Special Education	SN = Special Education, in-program
Wellness	WF = Family and Consumer Science WH = Health, Physical, and Driver’s Education WS = Sociology and Psychology
Non-academic	XL = Lunch XS = Study Hall

Following are examples demonstrating the course numbering system:

#1 – MB0121 #2 – GF0121 #3 – GH 0121

The first letter of each course number represents the Learning Area in which the course is offered. In the examples above, #1 M = Math & Business and in #2 G = Global Studies.

The second letter of each course number represents the discipline within the Learning Area for which the student will receive credit. In the examples above, #2 G = Global Studies and F = Foreign Language and #3 G = Global Studies and H = History.

#4 – GF0121 #5 – GF1121

The first two numbers represent the specific course within the discipline. In example #4, the course number is 01, which corresponds to French I. In #5 the course number is 11, which represents German I.

#6 – SS0121 #7 – SS0141 #8 – SS0151

The third number listed represents the difficulty level at which the course is being taught. In the examples above, S = Science & Technology Learning Area, S = Science, 01 = Biology. However in #6 the number 2 denotes a level 2 course; in #7 the 4 denotes level honors; and in #8 the 5 denotes Advanced Placement (AP) level.

#9 – HA 0121 #10 – HA0122 #11 – HA0323

The fourth and final number represents the semester in which the course will be scheduled. Example #9 is (H) Humanities – (A) Art – (01) Art Tech course – (2) level 2 – (1) to be scheduled 1st semester. Example #10 is the same course to be scheduled 2nd semester. If a course number ends in 3, such as #11, it is a course that can be scheduled during the 1st or 2nd semester – or both semesters.



Standard Sequence Accelerated Sequence

Global Issues Grade 9 Global Issues Honors

Modern World History Grade 10 Modern World History Honors

U.S. History American Studies Grade 11 AP U.S. History

U.S. Government American Agenda Grade 12 AP U.S. Government AP Macro-Economics

Elective Criminal Justice Grades 11-12

American Agenda
Course: GH2123 MB5023
Length/Credit: 1 semester / 1.0
Prerequisite: None
Grade: 12
Other Info: This is a team-taught two period course. This course fulfills the economics graduation requirement.
This course is designed to investigate the connections between the American political and economic systems. Students will identify political and economic issues and investigate their solutions.

American Studies
Course: GH1321 HE2421
GH1322 HE2422
Length/Credit: 1.0 years - 2 class periods / 1.0 English, 1.0 History
Grade: 11
Prerequisite: Successful completion of English I & English II
Fee: Yes
American Studies is a team taught two period course that uses a diverse multi-media approach to integrate thematically the culture and heritage of American literature and history from the colonization to the present. Students study and analyze primary and secondary source readings and focus on the development of writing skills.

Criminal Justice
Course GH0223
Length/Credit 1 semester / 0.5
Grade(s): 11, 12
Prerequisite: None
This course is a study of the American criminal justice system at the state and federal levels. Students will examine the role of law enforcement agencies, the pre-trial and trial procedures in criminal cases.

Global Issues
Course GH0421 GH0422
Length/Credit 1 year / 1.0
Grade: 9
Prerequisite: None
Global Issues is designed to be the study of non-western cultures in the 20th and 21st centuries focusing on the social, political, economic, and geographic developments. Students will analyze and interpret original documents and other non-fiction materials.

Global Issues Honors
Course: GH0441 GH0442
Length/Credit: 1 year / 1.0
Grade: 9
Prerequisite: None
This course is designed to be a study of non-western cultures in the 20th and 21st centuries focusing on the social, political, economic, and geographic developments. Students will independently read, analyze, evaluate, assess, judge, compare and contrast primary source original documents and other non-fiction materials. They will also develop a methodology for approaching the AP examination free-response, document based and multiple-choice questions.

Macroeconomics AP
Course GH2251 GH2252
Length/Credit 1 semester / 0.5
Grade(s): 11, 12
Prerequisite: None
Fee: Yes
Other Info: AP Exam is required
The AP Macroeconomics course is designed to be comparable to a freshman level college course. Through this course students will gain an understanding of the principles of economics that apply to economic systems as a whole.

Modern World History
Course: GH1121 GH1122
Length/Credit: 1 year / 0.5
Prerequisite: None
Grade: 10
Modern World History is designed to expose students to world history from the Renaissance to the present focusing on social, political, economic, and geographic developments. Students will analyze and interpret original documents and other non-fiction materials.

**Modern World
History Honors**

Course: GH1141 GH1142
Length/Credit: 1 year / 0.5
Prerequisite: None
Grade: 10

Modern World History is designed to expose students to world history from the Renaissance to the present focusing on social, political, economic, and geographic developments. In the honors course, students will independently read, analyze, evaluate, assess, judge, compare and contrast primary source original documents and other non-fiction materials using Pre-AP strategies.

**United States
Government**

Course: GH2023
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade: 12

This course is designed to analyze the study of general topics and concepts involved in American Government and politics. Students focus on the federal, state, and local government systems and interpret the United States and Illinois Constitutions.

**United States
Government AP**

Course: GH2053
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade: 12
Fees: Yes
Other Info: AP exam is required

The AP United States Government course is designed to be comparable to a college introductory U.S. Government course. Students develop an analytical perspective on the federal, state, and local governments and politics, including a study of general concepts used to interpret government and politics, as well as the analysis of specific examples, i.e., the United States and Illinois Constitutions.

United States History

Course: GH1221 GH1222
Length/Credit: 1 year / 1.0
Grade: 11
Prerequisite: None

This course is a study of US History from colonization to the present, focusing on social, political, economic, and geographic developments of the United States. Students will analyze and interpret original documents and other non-fiction materials.

**United States
History AP**

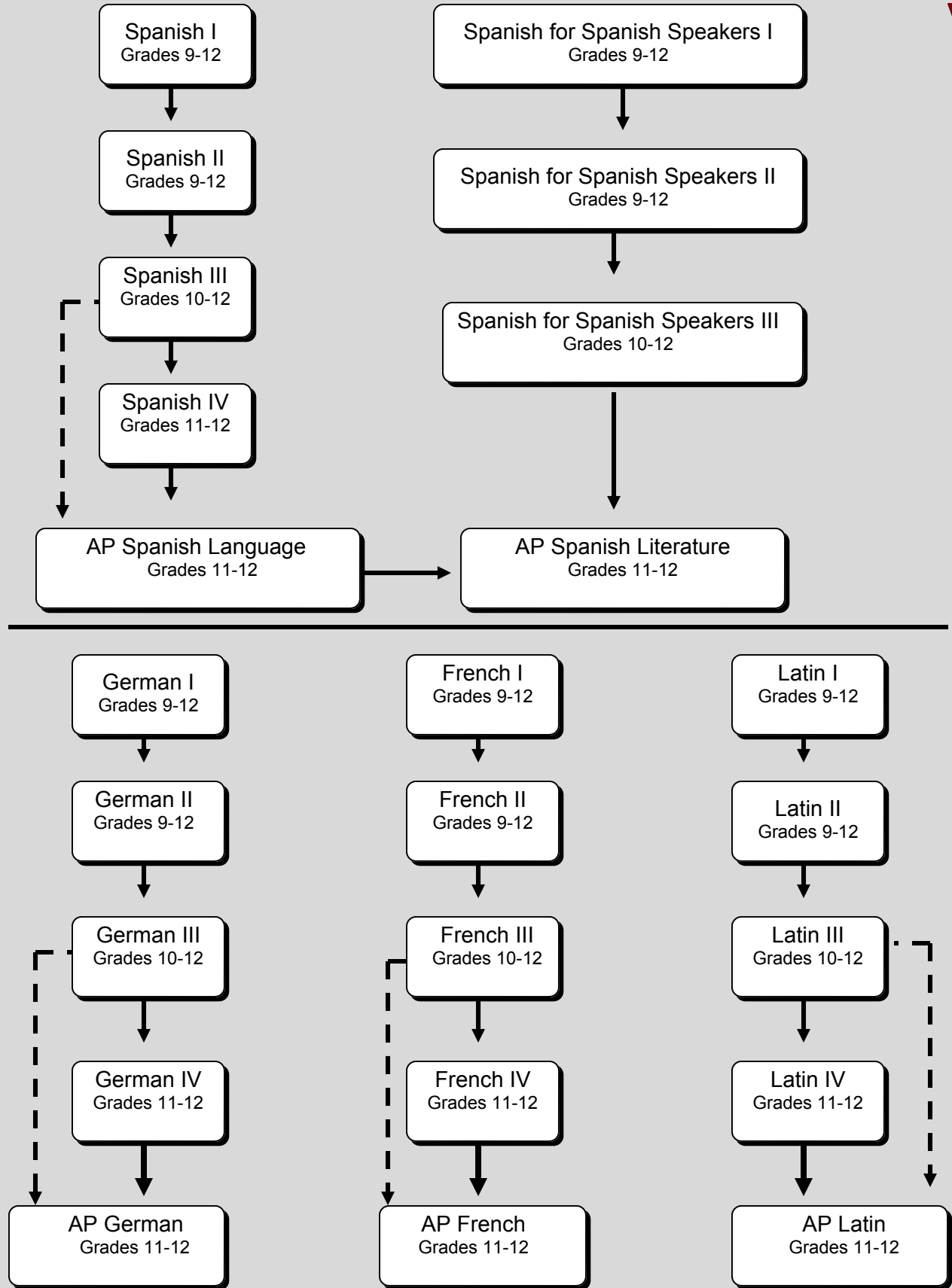
Course: GH1251 GH1252
Length/Credit: 1 year / 1.0
Grade(s): 11-12
Prerequisite: None
Fee: Yes
Other Info: Summer reading is required.
AP Exam is required

The AP United States History course is designed to be comparable to a freshman level college survey course. Students will master a broad body of historical knowledge, analyze and interpret documents and develop advanced historical writing skills.

Global Studies



WORLD LANGUAGES



Solid lines are the primary path

French I

Course: GF0121 GF0122

Length/Credit: 1 year / 1.0

Prerequisite: None

Grade(s): 9, 10, 11, 12

French I is designed to introduce students to the French language and the cultures of French-speaking people. Students begin to develop reading, writing, listening and speaking skills in French.

French II

Course: GF0221 GF0222

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the French I level

Grade(s): 9, 10, 11, 12

French II is designed to build on skills learned in French I. Students continue to increase their abilities to communicate and understand French. Classes are conducted primarily in French.

French III

Course: GF0321 GF0322

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the French II level

Grade(s): 10, 11, 12

French III is designed to engage students in increasingly advanced skill development through authentic materials. Students learn, think critically, and express themselves about a variety of topics in the French language. The class is conducted in French.

French IV

Course: GF0441 GF0442

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the French III level

Grade(s): 11, 12

French IV is designed to immerse students in the French language through literature, media, and continued study of language structures. Students will develop further proficiency in the language.

French Language AP

Course: GF0451 GF0452

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the French III level

Grade(s): 11, 12

Fee: Yes

Other Info: AP Exam is required

AP French Language is intended for highly-motivated students who are interested in completing studies comparable in content and in difficulty to courses in

French composition and conversation at the college level. Students who enroll in AP French Language should already have a good command of French grammar and vocabulary and have competence in listening, reading, speaking, and writing.

German I

Course: GF1121 GF1122

Length/Credit: 1 year / 1.0

Prerequisite: None

Grade(s): 9, 10, 11, 12

German I is designed to introduce students to the German language and the cultures of German-speaking people. Students begin to develop reading, writing, listening and speaking skills in German.

German II

Course: GF1221 GF1222

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the German I level

Grade(s): 9, 10, 11, 12

German II is designed to build on skills learned in German I. Students continue to increase their abilities to communicate and understand German. Classes are conducted primarily in German.

German III

Course: GF1321 GF1322

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the German II level

Grade(s): 10, 11, 12

German III is designed to engage students in increasingly advanced skill development through authentic materials. Students learn, think critically, and express themselves about a variety of topics in the German language. The class is conducted in German.

German IV

Course: GF1441 GF1442

Length/Credit: 1 year / 1.0

Prerequisite: Language proficiency at the German III level

Grade(s): 11, 12

German IV is designed to immerse students in the German language through literature, media, and continued study of language structures. Students will develop further proficiency in the language.

German Language AP

Course: GF1451 GF1452
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the German III level
Grade(s): 11, 12
Fee: Yes
Other Info: AP Exam is required

AP German Language is intended to be equivalent both in content and in difficulty to an advanced-level college German language course. Students who enroll in AP German Language should already have a good command of German grammar and vocabulary and have competence in listening, reading, speaking, and writing.

Latin I

Course: GF2121 GF2122
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12

Latin I is designed to help students learn the grammatical foundation of the language through reading practice and the study of daily life of Ancient Rome. Students will connect their knowledge of the ancient classical world with modern times and other disciplines and will use linguistic elements of Latin to increase knowledge of their own language.

Latin II

Course: GF2221 GF2222
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Latin I level
Grade(s): 9, 10, 11, 12

Latin II is designed to help students continue to read, understand, and interpret Latin. Students will study ancient Roman culture, history, and mythology in depth. Students will connect their knowledge of the ancient classical world with modern times and with other disciplines, and will use linguistic elements of Latin to increase their knowledge of their own language.

Latin III

Course: GF2321 GF2322
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Latin II level
Grade(s): 10, 11, 12

Latin III is designed to allow students to develop increasingly advanced linguistic skills in Latin and to engage learners in studying ancient Roman culture through reading a variety of authentic Latin texts. The curriculum rotates every other year between poetry reading and prose readings.

Latin IV

Course: GF2441 GF2442
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Latin III level
Grade(s): 11, 12

Latin IV is designed to allow students to develop increasingly advanced linguistic skills in Latin and to engage learners in studying ancient Roman culture through reading a variety of authentic Latin texts. The curriculum rotates every other year between poetry reading and prose readings.

Latin AP

Course: GF2451 GF2452
Length/Credit: 1 year / 1.0
Prerequisite: Latin III
Grade(s): 11, 12
Fee: Yes
Other Info: AP Exam is required

This course is designed to allow students to develop linguistic skills in Latin and to study ancient culture through reading a variety of authentic Latin texts. Students are given challenging assignments in preparation for the AP Latin Exam. The curriculum rotates every other year between poetry readings and prose readings.

Spanish I

Course: GF3121 GF3122
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12

Spanish I is designed to introduce students to the Spanish language and Hispanic cultures. Students begin to develop reading, writing, listening and speaking skills in Spanish.

Spanish II

Course: GF3221 GF3222
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Spanish I level
Grade(s): 9, 10, 11, 12

Spanish II is designed to build on skills learned in Spanish I. Students continue to increase their abilities to communicate and understand Spanish. Classes are conducted primarily in Spanish.

Spanish III

Course: GF3321 GF3322
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Spanish II level
Grade(s): 10, 11, 12

Spanish III is designed to engage students in increasingly advanced skill development through authentic materials. Students learn, think critically, and express themselves about a variety of topics in the Spanish language. The class is conducted in Spanish.

Spanish IV

Course: GF3441 GF3442
Length/Credit: 1 year / 1.0 elective
Prerequisite: Language proficiency at the Spanish III level
Grade(s): 11, 12

Spanish IV is designed to immerse students in the Spanish language through literature, media, and continued study of language structures. Students will develop further proficiency in the language.

Spanish for Spanish Speakers I

Course: GF3821 GF3822
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12

Spanish for Spanish Speakers I is designed to enhance students' knowledge of the Spanish language and the Hispanic Cultures. Students improve literacy skills with an emphasis on reading and writing.

Spanish for Spanish Speakers II

Course: GF3921 GF3922
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Spanish for Spanish Speakers I level
Grade(s): 9, 10, 11, 12

Spanish for Spanish Speakers II is designed to build on the skills learned in Spanish for Speakers I. Students continue to improve literacy skills with an emphasis on reading and writing

Spanish for Spanish Speakers III

Course: GF4021 GF4022
Length/Credit: 1 year / 1.0
Prerequisite: Language proficiency at the Spanish for Spanish Speakers II level
Grade(s): 10, 11, 12

Fee: Yes
Other Info: AP Exam is required
 Spanish for Spanish Speakers III is designed to prepare students for the AP Spanish Language Exam. Students will develop further proficiency in the language with an emphasis on literature and composition.

Spanish Language AP

Course: GF3451 GF3452
Length/Credit: 1 year / 1.0
Grade(s): 11, 12
Prerequisite: Language proficiency at the Spanish III level

Fee: Yes
Other Info: AP Exam is required
 AP Spanish Language is intended for students who wish to develop their proficiency in all four language skills: listening, speaking, reading, and writing. Students who enroll should already have a basic knowledge of the language and culture of Spanish-speaking peoples and should have attained a reasonable proficiency in listening comprehension, speaking, reading, and writing.

Spanish Literature AP

Course: GF3551 GF3552
Length/Credit: 1 year / 1.0
Grade(s): 11, 12
Prerequisite: Language proficiency in AP Spanish Language

Fee: Yes
Other Info: AP Exam is required
 The AP Spanish Literature is designed to be comparable to a college introduction to Hispanic literature course. The expanded reading list introduces students to the diverse literature written in Spanish and thus helps them reflect on the many voices and cultures included in the literature.



English Language Learners I

ELL Literacy Block I

English Language Learners II

ELL Literacy Block II

English Language
Learners Resource
Lunch Study

English Language Learners I

Course: XE2011 XE2012

Length/Credit: 1 year / 1.0

Grade(s): 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placement by Instructor.

Other Info: This course may be repeated for credit

This is an introductory course for students who have little or no fluency in English. Students will gain basic skills of understanding, reading, writing, and speaking.

English Language Learners Literacy Block I

Course: XE2211 XE2212

Length/Credit: 1 year / 1.0 elective

Grade(s): 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placement by Instructor.

Other Info: This course may be repeated for credit

This course, which is taken concurrently with ELL I, is intended to support the students' developing English literacy skills and assist with coursework in English Language Learners I.

English Language Learners II

Course: XE3011 XE3012

Length/Credit: 1 year / 1.0

Grade(s): 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placement by Instructor.

Other Info: This course may be repeated for credit

This course builds on the English communication skills gained in ELL I. Students will develop more advanced reading, writing, speaking and listening skills in English.

English Language Learners Literacy Block II

Course: XE3211 XE3212

Length/Credit: 1 year / 1.0 elective

Grade(s): 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placement by Instructor.

Other Info: This course may be repeated for credit

This course, which is taken concurrently with ELL II, is intended to support the students' advancing English literacy skills and assist with coursework in ELL II.

English Language Learners Resource Lunch Study

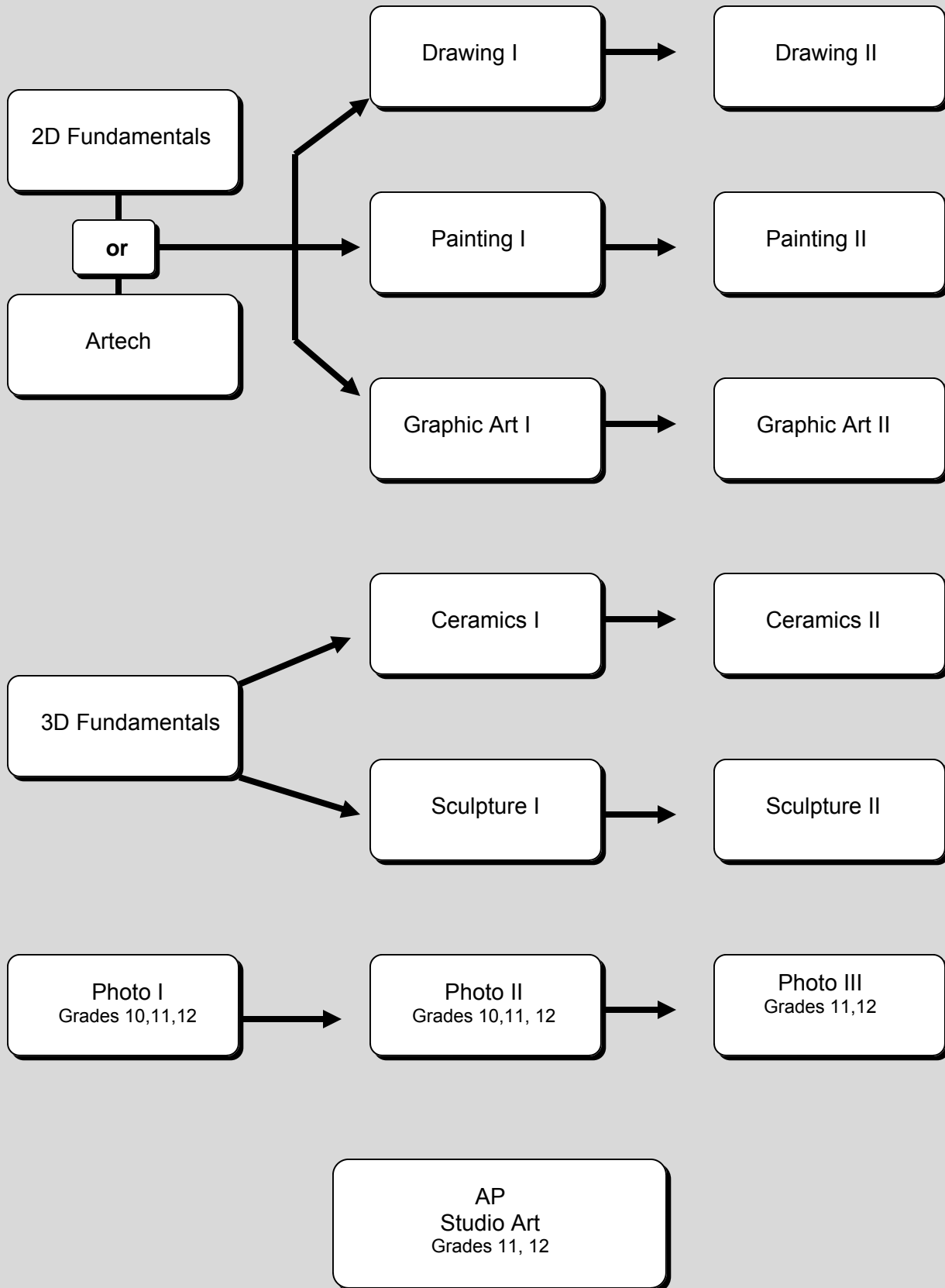
Course: XE2111 XE2112

Length/Credit: 1/2 period combined with lunch

Grade(s): 9, 10, 11, 12

Credit: None

ELL Resource provides students with tutorial assistance in order to be successful in their academic program.



Artech**Course:** HA0121 HA0122**Length/Credit:** 1 year / 1.0 credit**Grade(s):** 9, 10, 11, 12**Prerequisite:** None**Fees:** Yes**Other Info:** See Materials Lists for supplies.

Artech introduces students to the rudiments of art and technology through the elements and principles of design. Technology is used as a tool to create computer generated art projects and presentations; traditional art tools such as pencil, marker, paint are integrated with technological tools. Mastery of the art concepts and techniques taught in this course give the student a strong foundation for further course work in painting, drawing and commercial art.

2D Art Fundamentals**Course:** HA0223**Length/Credit:** 1 semester / 0.5 credit**Grade(s):** 9, 10, 11, 12**Prerequisite:** None**Fees:** Yes**Other Info:** See Materials Lists for supplies.

2D Art Fundamentals introduces students to the basics of drawing, painting, color theory and composition. Students will use the concepts and techniques learned in this class as a foundation for further course work in painting, drawing and commercial art.

3D Art Fundamentals**Course:** HA0323**Length/Credit:** 1 semester / 0.5 credit**Grade(s):** 9, 10, 11, 12**Prerequisite:** None**Fees:** Yes**Other Info:** See Materials Lists for supplies.

3D Art Fundamentals introduces students to the basics of 3D art production through exploration of various media such as paper, clay, wood, wire and plaster. Understanding of the elements of art, principles of design and color theory are developed through hands-on practice. During critiques, students reflect on the creative process and critically analyze their art. Students develop a digital portfolio throughout the course.

Ceramics I**Course:** HA1123**Length/Credit:** 1 semester / 0.5 credit**Grade(s):** 9, 10, 11, 12**Prerequisite:** Completion of 3D Art Fundamentals with a grade of "C" or higher recommended.**Fees:** Yes**Other Info:** See Materials Lists for supplies.

Ceramics I students learn a wide variety of basic concepts and hand building techniques including coil construction, slab building, and pinch pots. Students will gain fundamental skills on the potter's wheel. Students apply various surface decorations to their pieces and develop an understanding of the qualities of clay in its various states of drying. Through critiques of their work, students learn and apply ceramics vocabulary. Students develop a digital portfolio throughout the course.

Ceramics II**Course:** HA1223**Length/Credit:** 1 semester / 0.5 credit**Grade(s):** 10, 11, 12**Prerequisite:** Completion of Ceramics I with a grade of "C" or higher recommended.**Fees:** Yes**Other Info:** See Materials Lists for supplies.

Ceramics II students make use of a variety of combined hand building techniques to create complex pieces. They learn how to throw intermediate wheel forms, and use various firing processes to achieve a wide range of surface effects. Assorted clay bodies are used for construction, and decorative techniques introduced in Ceramics I are expanded upon in this class. Students learn to discuss the themes, techniques, and design qualities of their pieces through class critiques. Students develop a digital portfolio throughout the course.

Drawing I**Course:** HA3123**Length/Credit:** 1 semester / 0.5 credit**Grade(s):** 9, 10, 11, 12**Prerequisite:** Completion of 2D Art Fundamentals or Artech with a grade of "C" or higher recommended.**Fees:** Yes**Other Info:** See Materials Lists for supplies.

Drawing I develops the student's ability to draw from observation using a wide variety of materials and techniques. The ways artists create the illusion of depth on a flat surface is explored, and these techniques are applied to various subject matters such as still life, portraits, figures, and landscapes. Students learn how to use a sketchbook for experimentation, practice, and development of ideas.

Drawing II

Course: HA3223
Length/Credit: 1 semester / 0.5 credit
Grade(s): 10, 11, 12
Prerequisite: A grade of "C" or higher in Drawing I is recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.
 Students in Drawing II focus on learning how to solve challenging drawing issues in their work such as the use of lighting, reflective surfaces, narrative settings, and approaches incorporating representation or abstraction. Students are encouraged to develop their own expressive style using a wide range of media and techniques.

Graphic Art I

Course: HA2123
Length/Credit: 1 semester / 0.5 credit
Grade(s): 9, 10, 11, 12
Prerequisite: 2D Art Fundamentals or Artech, a grade of "C" or higher is recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.
 Graphic Art I introduces students to the art of graphic design; artwork intended to have a visual impact on the viewer and to communicate a message and/or sell a product or service to the consumer. Students are introduced to design for a particular "function" with the client's needs at the forefront of the design process. Technology and traditional tools are integrated to complete the art production experiences in the course.

Graphic Art II

Course: HA2223
Length/Credit: 1 semester / 0.5 credit
Grade(s): 10, 11, 12
Prerequisite: Completion of Graphic Art I with a grade of "C" or higher recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.
 Graphic Art II builds upon the knowledge and skills learned in Graphic Art I. Students complete more advanced client-based design projects. Students refine their ability to produce artistic solutions to more complex, client-directed graphic design problems. Technology and traditional tools are integrated to complete the art production experiences in the course.

Painting I

Course: HA4123
Length/Credit: 1 semester / 0.5 credit
Grade(s): 9, 10, 11, 12
Prerequisite: Completion of 2D Art Fundamentals or Artech with a grade of "C" or higher is recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.
 Painting I students are introduced to the fundamentals of painting using various application techniques in a variety of media. Learners integrate and build upon their knowledge of color theory, composition, and drawing to create paintings of subjects in traditional and abstract styles.

Painting II

Course: HA4223
Length/Credit: 1 semester / 0.5 credit
Grade(s): 10, 11, 12
Prerequisite: Completion of Painting I with a grade of "C" or higher is recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.
 Painting II students use advanced painting techniques to express themes while developing their personal style. Historical styles in painting are integrated into assignments.

Photography I

Course: HA5123
Length/Credit: 1 semester / 0.5 credit
Grade(s): 10, 11, 12
Prerequisite: None
Fees: Yes
Other Info: Students need to have a 35 mm camera for class use. See Materials Lists for additional supplies.
 Photography I students are introduced to camera operations and basic black and white darkroom procedures. Students learn how to operate a 35 mm camera, process film, and make enlargement prints. Students utilize compositional techniques and finishing skills to produce a portfolio of photographs.

Photography II

Course: HA5223
Length/Credit: 1 semester / 0.5 credit
Grade(s): 10, 11, 12
Prerequisite: A grade of "C" or higher in Photo I is recommended.
Fees: Yes
Other Info: Students must provide a working adjustable 35 mm camera. See Materials Lists for additional supplies.

Photography II students explore visual awareness, composition, and personal expression through the photo image. Students gain consistency and become more proficient in their use of an adjustable 35 mm camera and improve their darkroom skills. Students document their learning with a traditional and digital portfolio.

Photography III

Course: HA5323
Length/Credit: 1 semester / 0.5 credit
Grade(s): 11, 12
Prerequisite: A grade of "C" or higher in Photo II is recommended.
Fees: Yes
Other Info: Students must provide a working adjustable 35 mm camera. See Materials Lists for additional supplies.

Photography III is designed for the advanced student who is serious about photography or considering a career in the photographic/advertising field. Students learn advanced camera and darkroom techniques and explore their own artistic style of photography. Students create both a traditional portfolio and a digital portfolio.

Sculpture I

Course: HA6123
Length/Credit: 1 semester / 0.5 credit
Grade(s): 9, 10, 11, 12
Prerequisite: Completion of 3D Art Fundamentals with a grade of "C" or higher is recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.

Sculpture I students explore concepts and processes of 3D design through in-depth art production using media such as paper, plaster, clay, wire, and wood. Both additive and subtractive methods are used. Students research artists' themes, experiment with materials, and engage in critical writing about art. Students create basic digital portfolios to document their progress.

Sculpture II

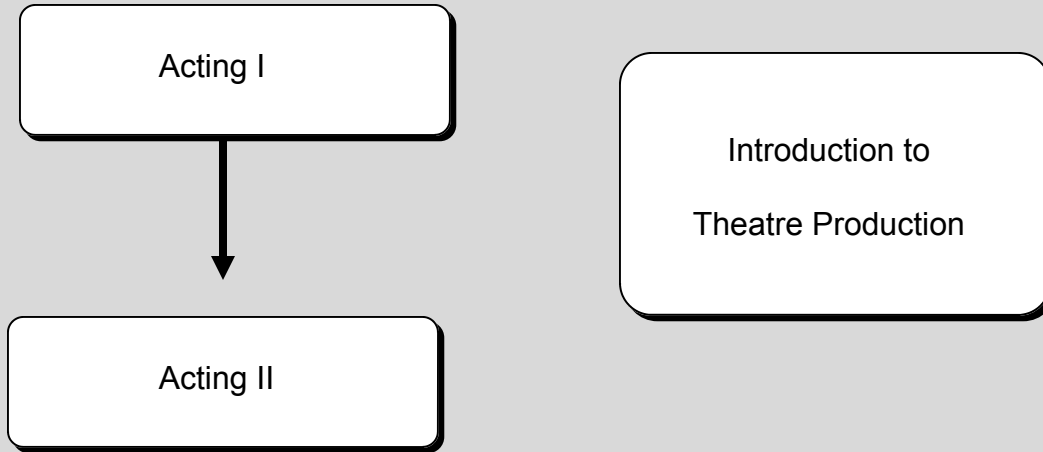
Course: HA6223
Length/Credit: 1 semester / 0.5 credit
Grade(s): 10, 11, 12
Prerequisite: Completion of Sculpture I with a grade of "C" or higher is recommended.
Fees: Yes
Other Info: See Materials Lists for supplies.

Sculpture II students create ambitious projects that combine techniques and materials introduced in Sculpture I. Students deal with challenging problems such as fusing form, content and functionality, designing site specific pieces, and the implication of mass, weight, and gravity in a kinesthetic sculpture. Independent research and experimentation will be emphasized and a digital portfolio will document students' learning.

Studio Art - AP

Course: HA7051 HA7052
Length/Credit: 1 year /1.0 credit
Grade(s): 11, 12
Prerequisite: All students must submit a portfolio before registering for the class. A minimum cumulative "B" grade point average in previous art classes is required. Depending on the type of portfolio specific courses need to be taken:
Drawing Portfolio or 2D Design Portfolio:
 2D Fundamentals or Artech, Drawing I, and one other intermediate 2D art class.
2D Design Portfolio with Photo Concentration:
 2D Fundamentals or Artech, Drawing I, Photo I and Photo II.
3D Design Portfolio:
 3D Fundamentals, Sculpture I or Ceramics I, and one other intermediate 3D art class.
Fee: Yes
Other Info: See Materials Lists for supplies.

This challenging course is for students who are serious about creating art at the college level. Throughout this class, students prepare a professional portfolio and slide set of their art that follows the AP Board guidelines. Students are encouraged to develop their own style and themes while exploring sophisticated drawing and design concepts and techniques.



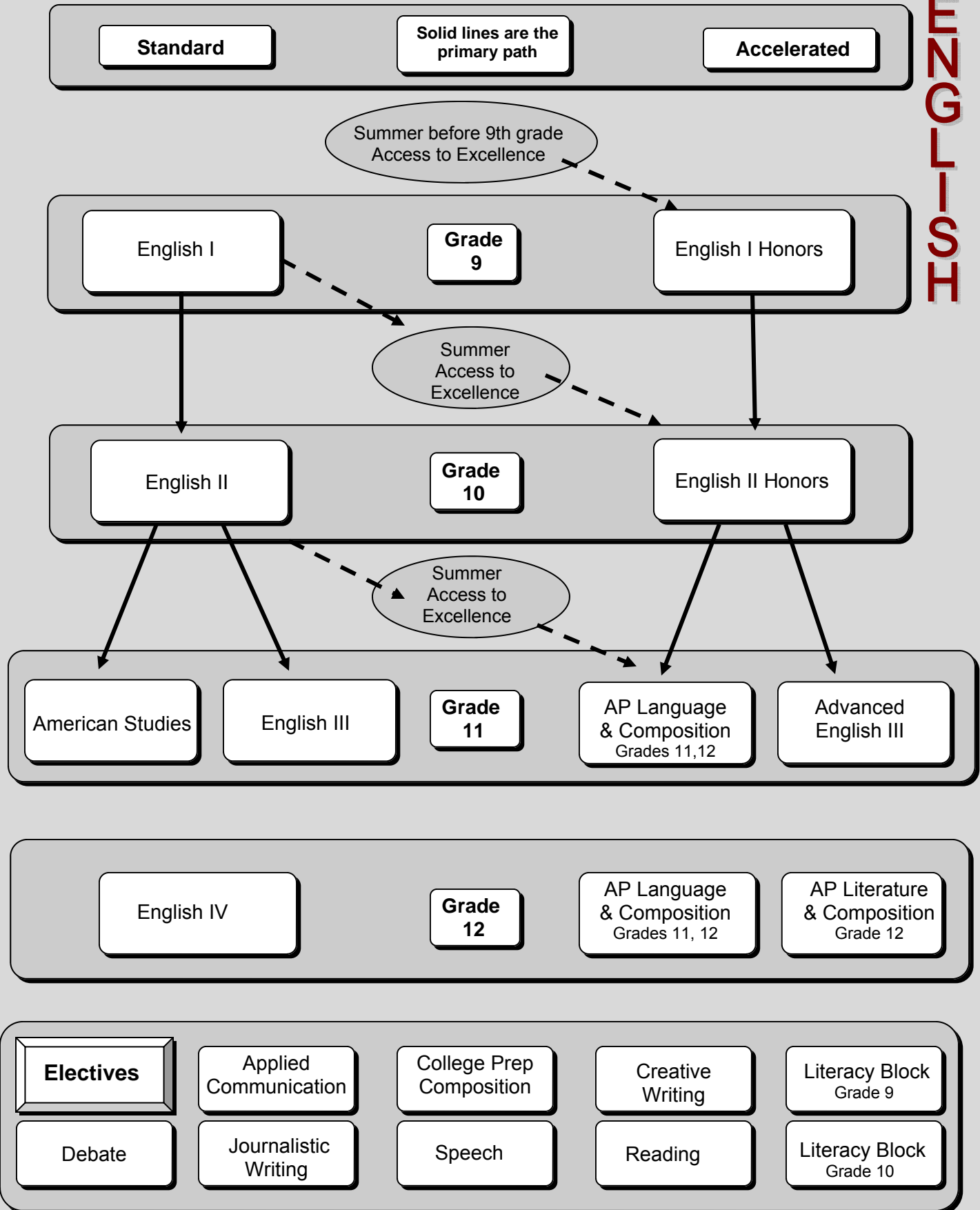
<p style="text-align: center;">Acting I</p> <p>Course: HD0123 Length/Credit: 1 semester/ 0.5 credit Grade(s): 9, 10, 11, 12 Prerequisite: None</p> <p>Students develop basic techniques through a series of performance assessments which can include pantomime, improvisations, monologues, and scene work.</p>
<p style="text-align: center;">Acting II</p> <p>Course: HD0223 Length/Credit: 1 semester/ 0.5 credit Grade(s): 9, 10, 11, 12 Prerequisite: A grade of "C" or better in Acting I is recommended.</p> <p>Students develop stronger acting techniques and advanced character development through a series of classical and contemporary performance assessments.</p>
<p style="text-align: center;">Introduction to Theatre Production</p> <p>Course: HD0323 Length/Credit: 1 semester/ 0.5 credit Grade(s): 11, 12 Prerequisite: None</p> <p>Students will produce, design, direct, and perform their own theatrical production of a scene through the study of technical theatre and direction.</p>

Beginning with Class of 2008

Humanities

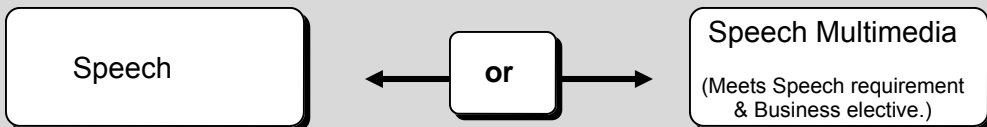


ENGLISH

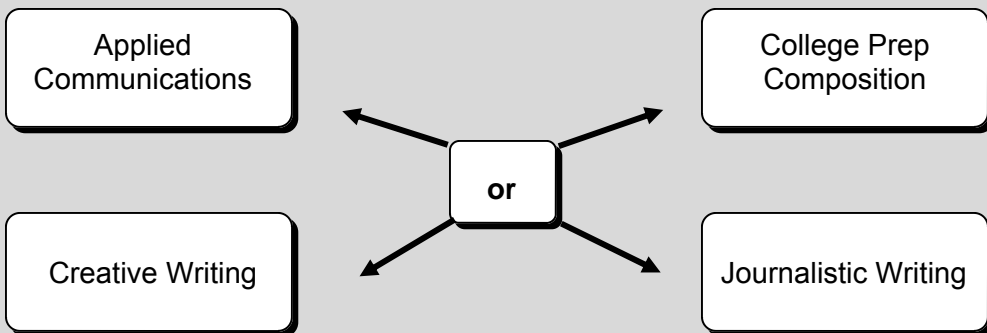




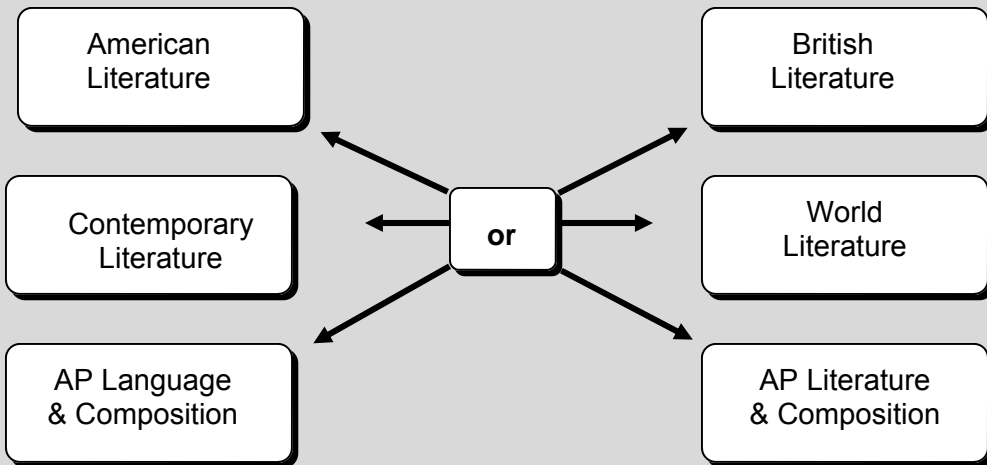
Class of 2007 needs a total of 3.5 credits of English and 0.5 credit of Speech



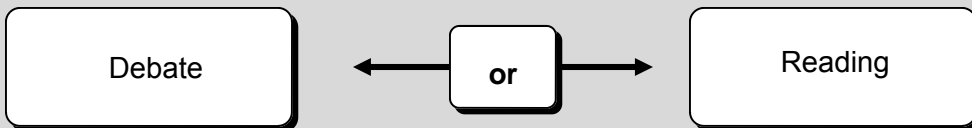
Rhetoric Strand Requirement: 1 class to be completed during 11th or 12th grade



Rhetoric Strand Requirement: 2 classes to be completed during 11th or 12th grade



Electives



American Literature

Course: HE1023
Length/Credit: 1 semester / 0.5
Grade: 12 only-Class of 2007
Prerequisite: Successful completion of English I, II.
 American Literature is a one semester study of major American works from colonial times to the present. Students will read, analyze, and discuss selected authors, genres, and literary movements within a thematic context.

American Studies

Course: GH1321 HE2421
 GH1322 HE2422
Length/Credit: 1.0 years - 2 class periods / 1.0
 English, 1.0 History
Grade: 11
Prerequisite: Successful completion of English I, II.
Fee: Yes
 American Studies is a team taught two period course that uses a diverse multi-media approach to integrate thematically the culture and heritage of American literature and history from the colonization to the present. Students study and analyze primary and secondary source readings and focus on the development of writing skills.

Applied Communications

Course: HE2023
Length/Credit: 1 semester / 0.5
Prerequisite: Successful completion of English I, II.
Grade: 12-Class of 2007
 Applied Communications is designed to develop proficiency with written and oral communication skills necessary for personal and professional success. Students develop technical accuracy in writing through the production of correctly formatted letters, brochures, resumes, essays and summaries.

British Literature

Course: HE1123
Length/Credit: 1 semester / 0.5
Grade: 12 only-Class of 2007
Prerequisite: Successful completion of English I, II
Other Info: A major research project is required.
 British Literature guides students chronologically and thematically through the great works of England, Ireland and Scotland. Students read, analyze, and synthesize major literary pieces, identify and understand themes and key movements amongst the schools of British thought.

Contemporary Literature

Course: HE1223
Length/Credit: 1 semester / 0.5
Grade: 12 only-Class of 2007
Prerequisite: Successful completion of English I, II
 Contemporary Literature focuses on post WWII literary genres including novels, short stories, poetry, film, and nonfiction. Students connect literature to current social issues, and investigate thematic links through discussion and expository, analytical and persuasive essays.

**College Preparatory
 Composition**

Course: HE2123
Length/Credit: 1 semester / 0.5
Grade(s): 11, 12
Prerequisite: Successful completion of English I, II.
Other Info: Offered to Class of 2007 as fulfillment of the English rhetoric graduation requirement.

Throughout this course, two aims underline all others: (1) tapping into the ability to think extensively, creatively, and well, and (2) helping develop the skills needed in order to communicate good thinking. Students compose summaries, analyses, evaluations, and synthesize research reports.

**College Preparatory
 Composition-Honors**

Course: HE2143
Length/Credit: 1 semester / 0.5
Grade: 12 only-Class of 2007
Other Info: Offered to seniors as fulfillment of the English rhetoric graduation requirement.

Through quickly paced instruction and a demanding workload, this course will focus on two aims that underline all others: (1) tapping into the ability to think extensively, creatively and well, and (2) helping you develop the skills needed in order to communicate good thinking. Students compose summaries, analyses, evaluations and synthesize research reports.

Creative Writing

Course: HE2223
Length/Credit: 1 semester / 0.5
Grade(s): 11, 12
Prerequisite: Successful completion of English I, II
Other Info: For the Class of 2007 Creative Writing fulfills the rhetoric graduation requirement.

Students will study and practice the process through which professional writers create, stylish, thoughtful works of fiction, non-fiction, and poetry.

Creative Writing Honors

Course: HE2243
Length/Credit: 1 semester / 0.5
Grade: 12 only-Class of 2007
Prerequisite: None

Through rigorous, quickly paced instruction and a demanding workload, students study and practice the processes through which professional writers create stylish, thoughtful works of fiction, non-fiction, and poetry.

Debate

Course: HE3123
Length/Credit: 1 semester / 0.5 elective
Prerequisite: None
Grade(s): 9, 10, 11, 12
Other Info: Debate requires strong reading ability, advanced organizational skills, and the ability to complete independent, long-term projects

Debate is designed to develop reasoning and communication skills that can be applied in all speaking situation, but especially in situations of argumentation. Students study and develop argumentation skills, research skills, reasoning skills, and listening skills as they engage in extemporaneous speaking, policy debate, value debate, congressional debate and mock trial.

English I

Course: HE0121 HE0122
Length/Credit: Year / 1.0
Grade: 9
Prerequisite: None
Fee: Yes

Students develop analytical reading, academic writing, critical thinking and presentation skills. Course content includes the study of short stories, poetry, drama, film, and a novel which presents incidents that are significant milestones in the lives of young people. This course uses Springboard IV.

English I Honors

Course: HE0141 HE0142
Length/Credit: Year / 1.0
Grade: 9
Prerequisite: Successful completion of the middle school Academically Talented program or the summer Access to Excellence Course
Fee: Yes

This course is designed for students seeking further challenges who are willing and able to read more complex literature and to engage in more complex and extensive writing assignments. Students study the similarities and difference among world cultures through literature, media, and non-fiction, engage in analytical reading and writing, comparing, contrasting and researching the ways cultures communicate and the conflicts that arise among them. This course uses Springboard V.

English II

Course: HE0221 HE0222
Length/Credit: Year / 1.0
Grade: 10
Prerequisite: Successful completion of English I
Fee: Yes

Students study, research, analyze and write about world cultures and world literature in order to broaden their perspective as readers and writers. This course uses Springboard V.

English II Honors

Course: HE0241 HE0242
Length/Credit: Year / 1.0
Grade: 10
Prerequisite: English I Honors or completion of Access to Excellence course
Fee: Yes

This course is designed for students who wish to challenge themselves and who are willing and able to read more complex literature and undertake complex writing and research assignments. Course content focuses on American literature and includes the study of poetry, various non-fiction articles, drama, memoirs, novels and a screenplay. Reading and writing instruction and assignments will be designed to prepare students for the challenges of AP courses in the junior and senior years. This course uses Springboard VI.

English III
Course: HE0321 HE0322
Length/Credit: Year / 1.0
Grade: 11
Prerequisite: Successful completion of English I & English II
Fee: Yes
 English III is an investigation of the “American Dream” through various genres of American Literature. Students will read and consider recurring themes of freedom and justice and will apply writing skills of analysis and synthesis to create an Assessment Portfolio. This course uses Springboard VI.

Advanced English III
Course: HE0621 HE0622
Length/Credit: Year / 1.0
Grade: 11
Prerequisite: Successful completion of English II Honors
 This non-weighted course is designed for students who wish to challenge themselves and are willing and able to read complex literature and undertake complex writing and research assignments. Course content will prepare students to take either AP Language and Composition or the AP Literature and Composition course.

English Language and Composition AP
Course: HE1551 HE1552
Length/Credit: Year / 1.0
Grade(s): 11, 12
Prerequisite: Successful completion of the 3rd year of English
Fee: Yes
Other Info: Students are required to take the AP Language and Composition exam in May. Extensive outside reading is required. A summer assignment is required.
 AP Language and Composition is a college level study of prose texts written in a variety of eras, disciplines, and rhetorical contexts. Students will read and analyze complex text with understanding, synthesize research materials, and write in both formal and informal contexts with authority to communicate effectively with mature readers.

English Literature and Composition AP
Course: HE2551 HE2552
Length/Credit: Year / 1.0
Grade: 12
Prerequisite: Successful completion of the 3rd year of English
Fee: Yes
Other Info: All students are expected to take the AP English Literature and Composition exam in May. Extensive outside reading is required. A summer reading assignment is required.

AP English Literature and Composition is a college level study of challenging American, English, and World literature in all genres. Students read and analyze literary works from thematic, historical, and critical perspectives, and are expected to write complex prose that communicates effectively with mature readers.

Journalistic Writing
Course: HE2323
Length/Credit: 1 semester / 0.5 elective
Prerequisite: Successful completion of English I
Grade(s): 10, 11, 12
Other Info: All articles written for class are considered for publication in the X-Ray or Stargazer. For the Class of 2007 Journalistic Writing fulfills the rhetoric graduation requirement.

Journalistic writing is an investigation of the rights, responsibilities, information gathering processes, writing techniques, and influence of the American media. Students will examine and write in a variety of professional formats, including but not limited to newspaper articles, entertainment reviews, editorials, and broadcast reports.

Literacy Block I
Course: HE4121 HE4122
Length/Credit: 1 year / 1.0 elective
Grade: 9
Prerequisite: Must be taken concurrently with English I. Placement determined by achievement data.

Literacy Block I is designed to build students’ literacy skills and assist with coursework in English I. Students set and work toward individualized literacy goals, strengthen organizational skills, and build independence and confidence in literacy.

Literacy Block II

Course: HE4221 HE4222
Length/Credit: 1 year / 1.0 elective
Grade: 10
Prerequisite: Must be taken concurrently with English II Placement determined by achievement data.

Literacy Block II is designed to build students' literacy skills and assist with coursework in English II. Students set and work toward individualized literacy goals, strengthen organizational skills, and build independence and confidence in literacy.

Reading

Course HE4021 HE4022
Length/Credit 1 semester / 0.5 elective
Prerequisite: None
Grade(s): 9, 10, 11, 12
Other Info: May be taken one or more times for elective credit.

Reading is a course for students who wish to improve reading skills, fluency or understanding. Students work to improve their reading level by building vocabulary and comprehension skills and by developing a variety of strategies that can be applied to reading in all other high school courses.

Speech

Course: HE3023
Length/Credit: 1 semester / 0.5 elective
Prerequisite: Successful completion of English I
Grade(s): 10, 11, 12
Other Info: For Class of 2007, Speech fulfills The rhetoric graduation requirement.

Speech is a performance-based course in which students study, practice, and perform the skills of oral communication. Students will perform a variety of speeches, develop effective speaking and listening techniques, evaluation skills and media literacy, and understand and employ techniques of persuasion.

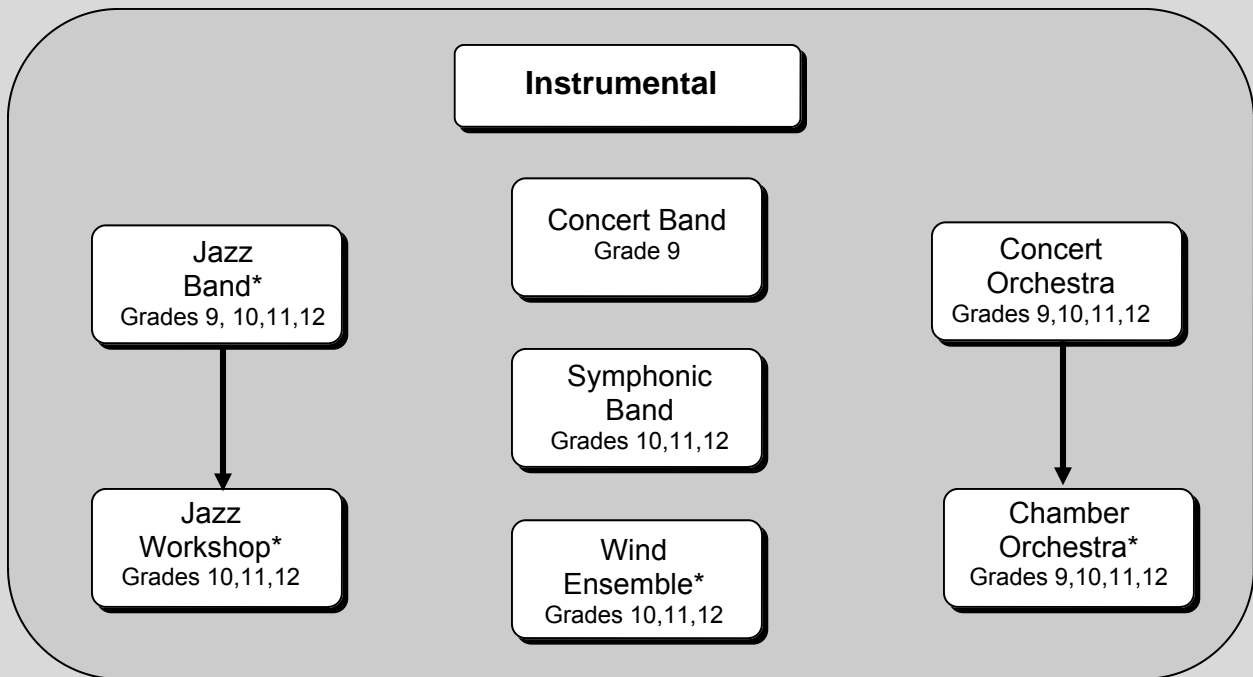
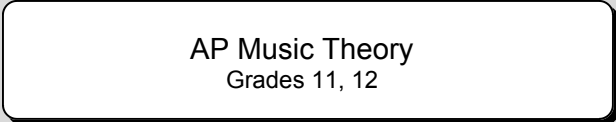
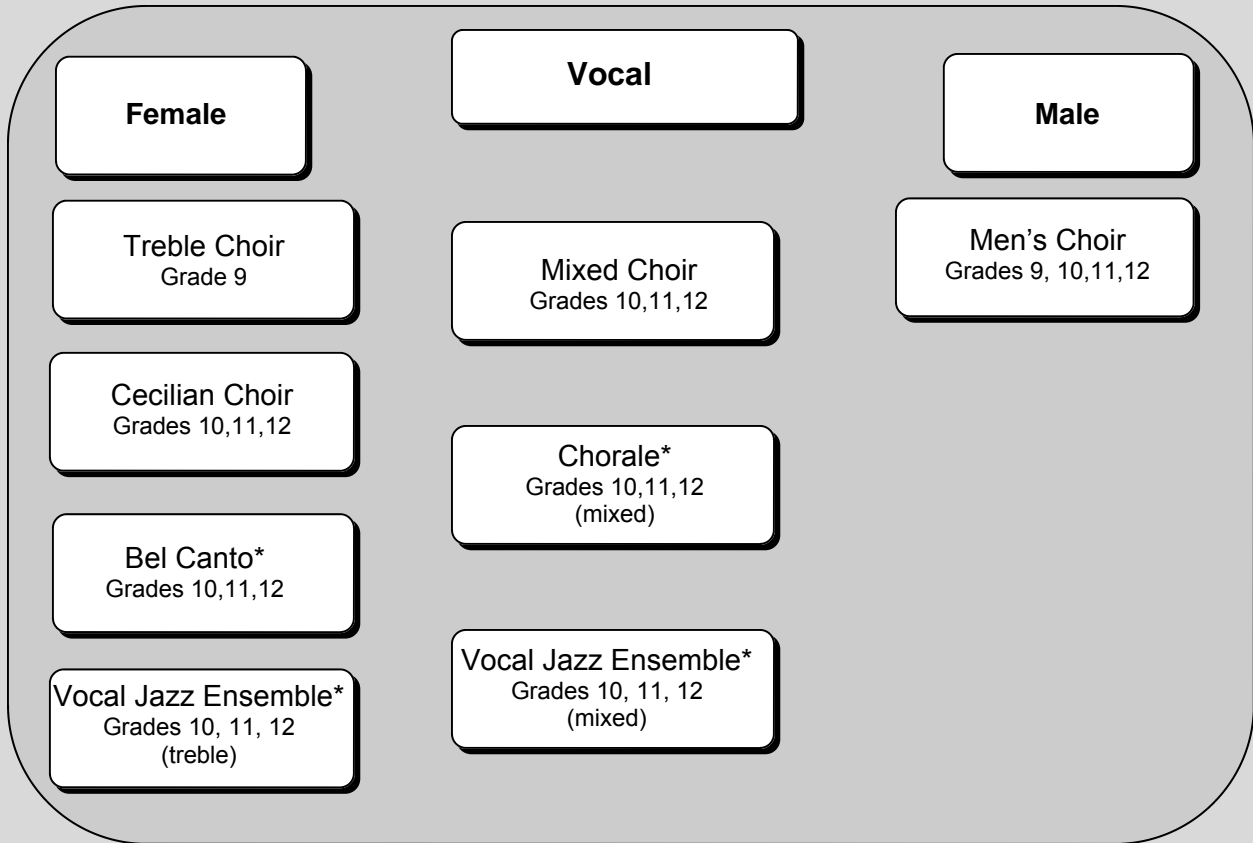
Speech/Multimedia

Course: HE3223 MB3423
Length/Credit: 1 semester, 2 class periods / 0.5 Speech, 0.5 Business
Prerequisite: Successful completion of English I, II/ Keyboarding with a "C" or higher is recommended. Students may pass a proficiency test or parents may sign a waiver instead of passing keyboarding with a "C."
Grade(s): 10, 11
Other Info: For class of 2007, the speech portion of the Speech/Multimedia class fulfills the rhetoric graduation requirement .

This course combines the elements of communication and public speaking with multimedia computer software and production technology in giving presentations.

World Literature

Course HE1323
Length/Credit 1 semester / 0.5
Grade: 12 only-Class of 2007
Prerequisite: Successful completion of English I, II
Other Info: A semester research project is required.
 World Literature is a study of selected literary works representing a variety of genres, cultures, and historical periods. Students read, analyze and synthesize complex works, focusing on thematic connections, universal concepts, and critical perspectives.



*These classes require an audition with the instructor.

Bel Canto

Course: HM2421 HM2422
Length/Credit: 1 year / 1.0 credit
Grade(s): Open to female students, grades 10, 11, 12
Prerequisite: Audition
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course investigates the realization of advanced choral music through vocal performance. Standard treble ensemble voicing is utilized: soprano and alto. Students are instructed and assessed in the following areas: sight-singing; tone production, intonation, rhythm, blending, musicality, and music theory. Bel Canto sings a variety of advance choral music ranging from Renaissance to Contemporary styles.

Cecilian Choir

Course: HM2121 HM2122
Length/Credit: 1 year / 1.0 credit
Grade(s): Open to female students, grades 10, 11, 12
Prerequisite: None
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course continues to investigate the realization of choral music through vocal performance. Standard female ensemble voicing is utilized: soprano and alto. Students are instructed and assessed in the following areas: sight-singing; tone production, intonation, rhythm, blending, musicality, and music theory. These concepts are applied in the study of a variety of music including Broadway, Jazz, Classical, and Pop.

Chamber Orchestra

Course: HM1121 HM1122
Length/Credit: 1 year / 1.0 credit
Grade(s): 9, 10, 11, 12
Prerequisite: Audition
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

Chamber Orchestra studies classical music of the intermediate, and advanced level through instrumental performance. Standard instrumentation is utilized including violin, viola, cello, string bass, and piano. Wind, brass, and percussion instruments are also added for specific performances during the year. Students are instructed and assessed in the following areas: scales, technique, bowing, rhythm, and basic music theory.

Chorale

Course: HM2221 HM2222
Length/Credit: 1 year / 1.0 credit
Grade(s): Open to all students, grades 10, 11, 12
Prerequisite: Audition
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course investigates the realization of advanced choral music through vocal performance. Standard mixed ensemble voicing is utilized: soprano, alto, tenor, and bass. Students are instructed and assessed in the following areas: sight-singing; tone production, intonation, rhythm, blending, musicality, and music theory. Chorale sings a variety of advance choral music ranging from Renaissance to Contemporary styles.

Concert Band

Course: HM0121 HM0122
Length/Credit: 1 year / 1.0 credit
Grade Level: 9
Prerequisite: Participation in middle school band or consent of the Instructional Coordinator.
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day. Marching Band is a component of this course.

Concert Band investigates musicianship through instrumental performance. Students are instructed in the following area: scales; tone production, technique, rhythm, and music theory. These concepts are essential in the subsequent rehearsal and performance of high-quality introductory band literature.

Concert Orchestra

Course: HM1021 HM1022
Length/Credit: 1 year / 1.0 credit
Grade(s): 9, 10, 11, 12
Prerequisite: Participation in middle school band or consent of the instructor
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

Concert Orchestra studies classical music of the introductory and intermediate level through instrumental performance. Standard instrumentation is used including violin, viola, cello, string bass, and piano. Wind, brass, and percussion instruments are also added for specific performances during the year. Students are instructed and assessed on major scales, rhythm, technique, bowing, and basic music theory.

Jazz Band

Course: HM0321 HM0322
Length/Credit: 1 year / 1.0 credit
Grade(s): 9, 10, 11, 12
Prerequisite: Audition and enrollment in a core instrumental class
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

Jazz Band is designed for the student interested in investigating instrumental jazz genre. Students will acquire the knowledge necessary for the study and performance of intermediate jazz literature of the highest quality. This course covers basic improvisation, critical listening, and the pursuit of the many styles within the jazz genre.

Jazz Workshop

Course: HM0421 HM0422
Length/Credit: 1 year / 1.0 credit
Grade(s): 10, 11, 12
Prerequisite: Audition and enrollment in a core instrumental class
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

Jazz Workshop is designed for the student interested in investigating the instrumental jazz genre. Students will acquire the knowledge necessary for the study and performance of advanced jazz literature of the highest quality. This course covers advanced improvisation, critical listening and the pursuit of the many styles within the jazz genre.

Men's Choir

Course: HM2421 HM2422
Length/Credit: 1 year / 1.0 credit
Grade(s): Open to male students, grades 9, 10, 11, 12
Prerequisite: None
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course investigates the realization of introductory choral music through vocal performance. Standard male ensemble voicing is utilized: tenor and bass. Students are instructed and assessed in the following areas: Sight-singing; tone production, intonation, rhythm, blending, musicality, and music theory. These concepts are applied in the study of a variety of music including Broadway, Jazz, Classical, and Pop.

Mixed Choir

Course: HM2021 HM2022
Length/Credit: 1 year / 1.0 credit
Grade(s): Open to male students, grades 9, 10, 11, 12. Open to female students grades 10, 11, 12.
Prerequisite: None
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course investigates the realization of introductory choral music through vocal performance. Standard mixed ensemble voicing is utilized: soprano, alto, tenor and bass. Students are instructed and assessed in the following areas: sight-singing, tone production, intonation, rhythm, blending, musicality, and music theory. These concepts are applied in the study of a variety of music including Broadway, Jazz, Classical, and Pop.

Music Theory AP

Course: HM3051 HM3052
Length/Credit: 1 year / 1.0 credit
Grade(s): 11, 12
Prerequisite: Consent of Instructional Coordinator
Fee: Yes
Other Info: AP exam is required.

Music Theory investigates the what, how, and why of Western Tonal Music. Students are instructed in the following areas; sight-singing, aural recognition, visual analysis and composition. This study not only reinforces performance skills, but also develops students' abilities as composers, theoreticians and critics.

Symphonic Band

Course: HM0221 HM0222
Length/Credit: 1 year / 1.0 credit
Grade(s): 10, 11, 12
Prerequisite: Completion of Concert Band or consent of the instructor
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day. Marching Band is a component of this course.

Symphonic Band investigates musicianship through instrumental performance. Students are instructed in the following area: scales, tone production, technique, rhythm, and music theory. These concepts are essential in the subsequent rehearsal and performance of high-quality advanced band literature.

Treble Choir

Course: HM2321 HM2322
Length/Credit: 1 year / 1.0 credit
Grade: Open to female students in grade 9
Prerequisite: None
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course investigates the realization of introductory choral music through vocal performance. Standard treble ensemble voicing is utilized: soprano and alto. Students are instructed and assessed in the following areas: sight-singing, tone production, intonation, rhythm, blending, musicality, and music theory. These concepts are applied in the study of a variety of music including Broadway, Jazz, Classical, and Pop.

Vocal Jazz Ensemble

Course: HM2521 HM2522
Length/Credit: 1 year / 1.0 credit
Grade(s): 10, 11, 12
Prerequisite: Audition and enrollment in a core vocal class.
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.

This course investigates the realization of jazz music through vocal performance. Standard mixed ensemble voicing is utilized: soprano, alto, tenor, and bass. Students are instructed and assessed in the following areas: jazz styles, including swing, Latin, ballad, funk, bossa-nova, etc; aural skills; vocal improvisation; and critical listening and analysis. These concepts are essential in the subsequent investigation into the musical compositions that are performed.

Wind Ensemble

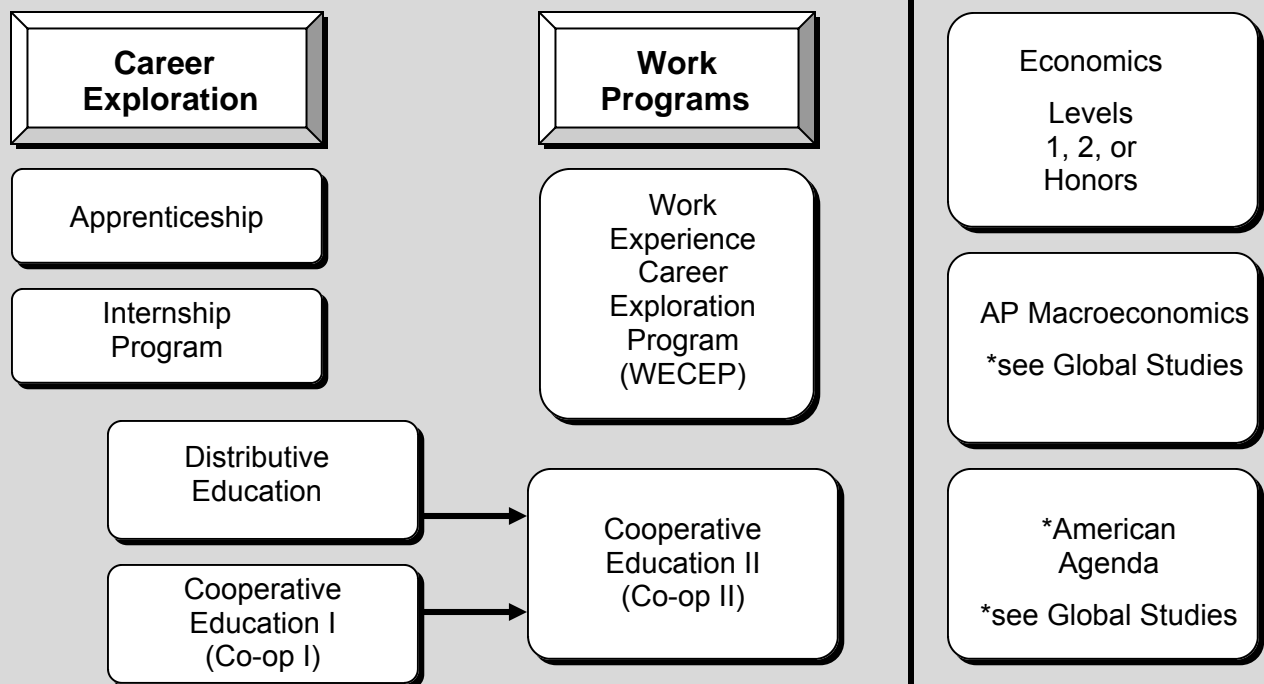
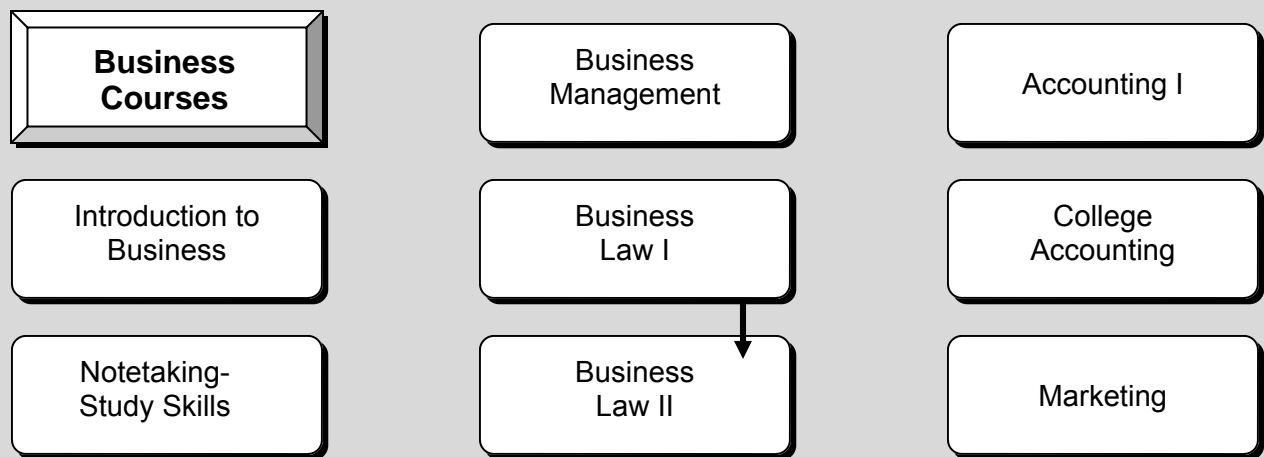
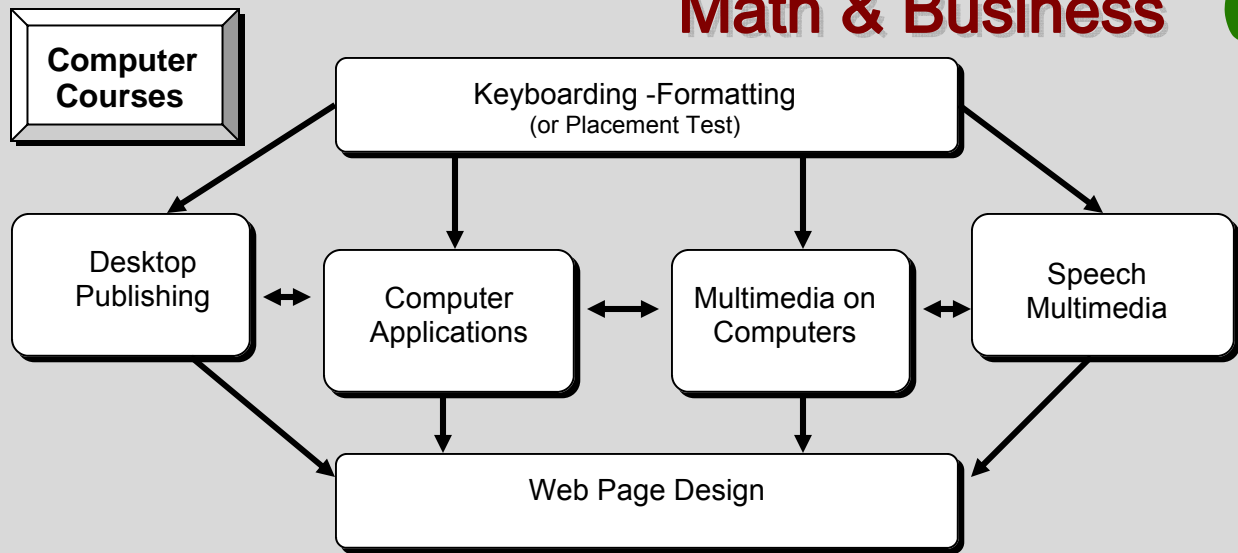
Course: HM0521 HM0522
Length/Credit: 1 year / 1.0 credit
Grade(s): 10, 11, 12
Prerequisite: Audition
Other Info: Students are expected to attend all rehearsals and performances, including those scheduled outside of the school day. Marching Band is a component of this course.

Wind Ensemble investigates musicianship through instrumental performance. Students are instructed in the following area: scales, tone production, technique, rhythm, music theory. These concepts are essential in the subsequent rehearsal and performance of high-quality introductory band literature.

Math & Business



BUSINESS



Accounting

Course: MB0121 MB0122
Length/Credit: 1 year / 1.0
Prerequisite: "C" academic average is recommended
Grade(s): 9, 10, 11, 12
Fee: Yes

Accounting is the language of business and this course provides a solid foundation for further study in high school or college. Students study accounting for sole proprietorship, partnership and corporate forms of business. A computerized accounting practice set is completed during the course.

Applied Communications

Course: HE2023
Length/Credit: 1 semester / 0.5
Prerequisite: Successful completion of English I, II.
Grade: 12-Class of 2007

Applied Communications is designed to develop proficiency with written and oral communication skills necessary for personal and professional success. Students develop technical accuracy in writing through the production of correctly formatted letters, brochures, resumes, essays and summaries.

Apprenticeship

Course: IA1003 IA2003
Length/Credit: 3 or more semesters / Up to 1 credit per semester
Prerequisite: Approval of Application
Grade(s): 11, 12
Other Info: Students will be at the same placement for up to 3 semesters.

The Apprenticeship program provides students with an opportunity to develop their skills in a desired trade or occupation. Students are not added to the program without going through the application process. Students are placed only as business demonstrate a need for a student to be placed in a career-training program.

Business Law I

Course: MB1123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 10, 11, 12

After successfully completing this introductory course, students have a basic understanding of selected topics in the area of business law. Students develop a solid appreciation for how law has developed over the years, how it fits the needs of society, and how it constantly is being revised to meet new societal needs.

Business Law II

Course: MB1223
Length/Credit: 1 semester / 0.5
Prerequisite: Business Law I
Grade(s): 10, 11, 12

Business Law II continues the area of study begun in Business Law I. Students participate in an in-class Mock Trial Tournament wherein they develop the fundamental aspects of basic, civil trial practice and procedure-including pre-trial motions; opening statements; direct examination; cross-examination; witness impeachment; use of exhibits; objections; final arguments; and post-trial motions.

Business Management

Course: MB1323
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 10, 11, 12

Business Management explores all aspects of business operations and the current trends in policies and procedures of small business management. Students create a business plan involving the creation, development and organization of a hypothetical business operation of the student's choice.

College Accounting

Course: MB0341 MB0342
Length/Credit: 1 year / 1.0
Prerequisite: "B" academic average is recommended
Grade(s): 10, 11,12
Fee: Yes
Other Info: Students may acquire 4 semester hours of college credit through Elgin Community College.

College Accounting (Financial Accounting) is a required course for college study in any business-related field. This class is aligned with "Financial Accounting" at Elgin Community College.

Computer Applications

Course: MB3123
Length/Credit: 1 semester / 0.5
Prerequisite: Passing grade in Keyboarding or passing the Keyboarding Placement Test
Grade(s): 9, 10, 11, 12
Fee: Yes

Computer Applications provides students with a basic level of computer literacy by enhancing skills in using word processing, spreadsheets, databases and presentation software. Students complete advanced business application projects requiring them to discover ways to solve problems using technology.

Cooperative Education II

Course: MB5521 MB5522
MB5621 MB5622

Length/Credit: 1 year /
1.0 class, 1.0 On-The-Job Training

Prerequisite: Cooperative Work Training I or
Distributive Education

Grade: 12

Fee: Yes

Other Info: Students enrolled in the classroom portion (MB5521, MB5522) of the course must also enroll in the on-the-job training portion (MB5621, MN5622).

Cooperative Education II provides students with continued hands-on work experience while studying more complex work-related problems and solutions. Through practice activities, this course further prepares students for life beyond high school. Students must work a minimum of 15 hours per week at an approved job.

Cooperative Work Training I

Course: MB5321 MB5322
MB5421 MB5422

Length/Credit: 1 year /
1.0 class, 1.0 On-The-Job Training

Prerequisite: None

Grade(s): 11, 12

Fee: Yes

Other Info: Students must enroll in both the classroom (MB5321, MB5322) and on-the-job training (MB5421, MN5422) courses. Students who have taken Distributive Education may not enroll in Cooperative Work Training I.

Cooperative Work Training I provides students with hands-on work experiences and a study of practical work-related and personal finance topics. Students must work a minimum of 15 hours per week at an approved job. The Consumer Education graduation requirement is satisfied through this class when the students successfully completes both semesters of the classroom portion of Cooperative Work Training I.

Distributive Education

Course: MB5721 MB5722
MB5821 MB5822

Length/Credit: 1 year /
1.0 class, 1.0 On-The-Job Training

Prerequisite: Cumulative GPA 3.5 recommended

Grade(s): 11, 12

Other Info: Students must enroll in both the classroom (MB5721, MB5722) and on-the-job training (MB5821, MB5822) courses. Students who have taken Cooperative Work Training I may not enroll in Distributive Education.

This course provides students with hands-on work experience and a study of practical work-related and personal finance topics. Students must work a minimum of 15 hours per week at an approved job. The Economics requirement is satisfied through this class when the student successfully completes both semesters of the classroom portion of Distributive Education.

Desktop Publishing

Course: MB3223

Length/Credit: 1 semester / 0.5

Prerequisite: Passing grade in Keyboarding or passing the Keyboarding Placement Test

Grade(s): 9, 10, 11, 12

Fee: Yes

Desktop Publishing provides students with entry-level computer skills. Basic design layout and elements are learned and applied to professional publications such as newsletter, business cards, flyers, resumes, invitations, and brochures.

Economics L1

Course: MB2013

Length/Credit: 1 semester / 0.5

Prerequisite: None

Grade: 12

Economics is a required course which focuses on the study of economic principles and consumer skills. Additional support is provided in reading, writing, and study skills.

Economics L2

Course: MB2023

Length/Credit: 1 semester / 0.5

Prerequisite: None

Grade: 12

Economics is a required course which focuses on the study of economic principles and consumer skills. Topics include, but are not limited to managing an investment portfolio, learning to establish a good credit rating, and analyzing current economic topics.

Economics Honors

Course: MB2043
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade: 12

Economics is a course that fulfills the Consumer Education graduation requirement. This course focuses on the study of economic principles and consumer skills. Topics include, but are not limited to macroeconomics concepts such as supply and demand, monetary and fiscal policy, managing an investment portfolio, learning to establish a good credit rating, and analyzing current economic topics through written essays. In addition to current event article assignments, students will have an independent reading assignments to support and enhance course content. Exemplary reading and comprehension skills and successful experience in Honors English and junior level social studies are necessary. In addition, a major project is required on an economic topic of choice that is not part of the regular curriculum.

Internship Program

Course: MB5021 MB5022
Length/Credit: 1 year / 1.0
Prerequisite: Approval of Application
Grade(s): 11, 12
Other Info: Students may enroll in a maximum of 4 semesters. A different career will be explored each semester.

The Internship program is a partnership between Community Unit School District 303 and the industrial, business, professional and service communities of the Fox Valley area. Students shadow a professional for a minimum of 75 hours during a semester for the purpose of understanding the day-to-day responsibilities of that profession.

Introduction to Business

Course: MB1023
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10

This survey course introduces students to the business world. Topics include management, marketing, accounting, banking, investing, and business law. Students will participate in an on-line stock market game.

Keyboarding/Formatting

Course: MB3023
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Other Info: This course acts as a prerequisite for other computer classes. A student may take a placement exam instead of this class as a prerequisite to other computer course offerings.

Keyboarding/Formatting emphasizes learning to key using the touch typing method and learning basic formatting skills when using word processing software programs. This course provides a basis for proficient use of word processing in college and in the workplace.

Marketing

Course: MB1423
Length/Credit: 1 semester / 0.5 speech
Prerequisite: None
Grade(s): 10, 11, 12

Marketing focuses on the activities necessary to market products, services and ideas to consumers. Students learn about target marketing, the marketing mix, what motivates people to buy, why marketers conduct research and promotional techniques such as advertising.

Multimedia on Computers

Course: MB3323
Length/Credit: 1 semester / 0.5
Prerequisite: Passing grade in Keyboarding or passing the Keyboarding Placement Test
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: Students who have previously taken Speech/Multimedia are not eligible to take Multimedia.

In the Multimedia on Computers course, students use several software applications to learn effective design principles. They use digital cameras, scanners, and video editing to produce multimedia presentations.

Notetaking / Study Skills

Course: MB4023
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10

The Notetaking / Study Skills course helps students improve their study skills, ability to take organized notes, organize their time to meet the demands of classes and other daily activities. Students learn test-taking strategies to benefit them throughout their academic career.

Speech / Multimedia

Course: HE3223 MB3423
Length/Credit: 1 semester-2 periods / 0.5 speech-0.5 elective
Prerequisite: English II and a passing grade in Keyboarding or passing the Keyboarding Placement Test
Grade(s): 11, 12
Fee: Yes

Speech/Multimedia is a course for students who are interested in combining a technology component with speech. Students learn the theories of communication, techniques of effective speaking, research skills, effective design principles, and use digital cameras, scanners, video editing. Students create and deliver effective presentations.

Speech Honors / Multimedia

Course: HE3243 MB3423
Length/Credit: 1 semester-2 periods / 0.5 speech-0.5 elective
Prerequisite: English II and a passing grade in Keyboarding or passing the Keyboarding Placement Test
Grade: **12 only—Class of 2007**
Fee: Yes

Speech/Multimedia is a course for students who are interested in combining a technology component with their speech course. Students learn the theories of communication, techniques of effective speaking, research skills, effective design principles, and use digital cameras, scanners, video editing. Students create and deliver effective presentations. For honors speech, one out-of-class speech and additional assignments are required.

Web Page Design

Course: MB3523
Length/Credit: 1 semester / 0.5
Prerequisite: Computer Applications or Multimedia or Desktop Publishing
Grade(s): 10, 11, 12
Fee: Yes

Students use various web authoring tools and apply design principles in order to create web presentations to meet specific objectives. Students learn to use animation software to create web commercials to complement their web presentations. Students study e-commerce, ethics, and the internet.

Work Experience Career Exploration Program (WECEP)

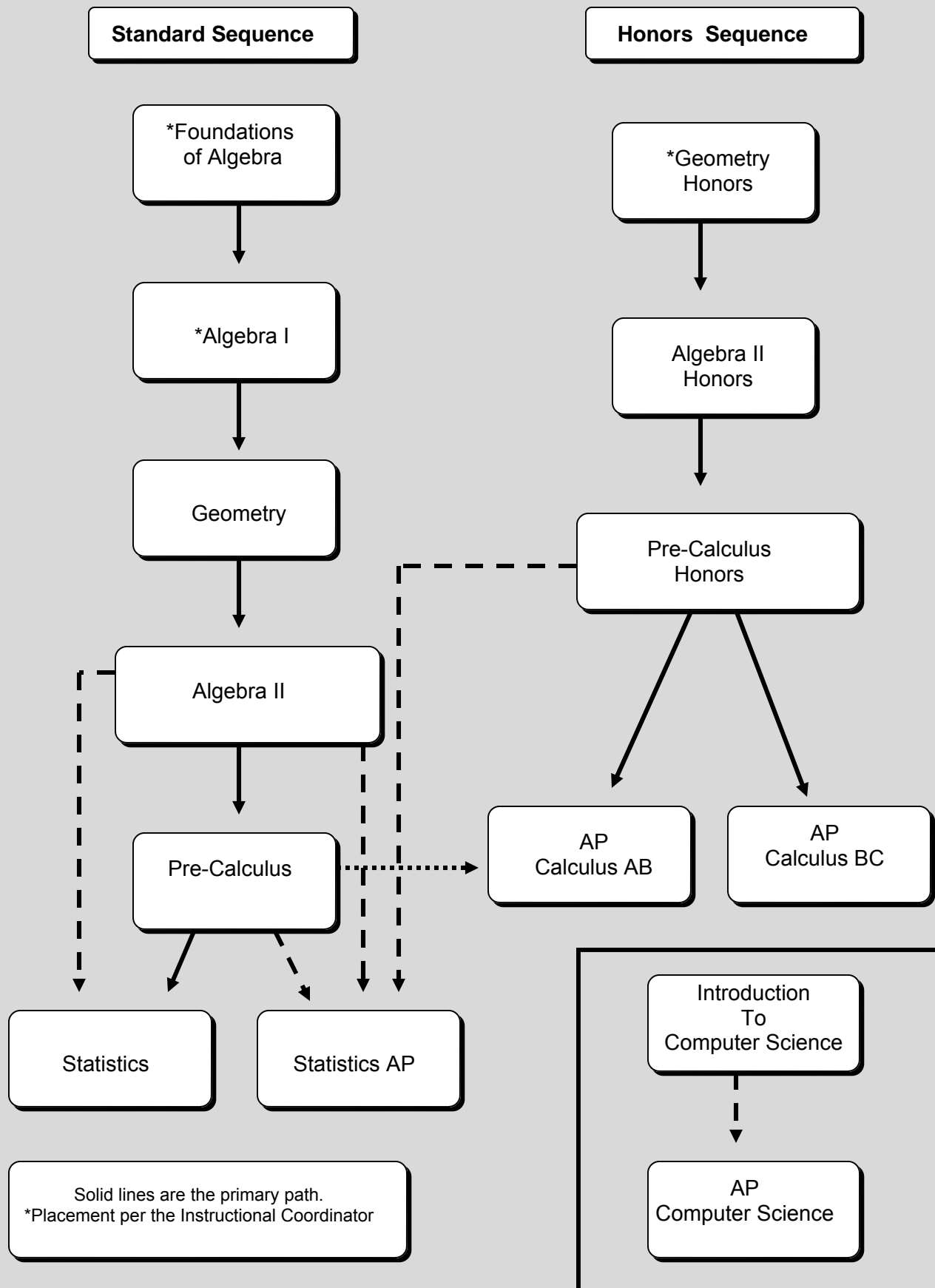
Course: MB5121 MB5122
 MB5221 MB5222
Length/Credit: 1 year / 1.0 class, 1.0 On-the-Job-Training
Prerequisite: Approval of Coordinator
Grade(s): 9,10
Other Info: Students enrolled in the classroom portion of the course (MB5121, MB5122) must also enroll in the on-the-job training portion (MB5221, MN5222). Students should want to work a part-time job upon entry into the program.

WECEP is a specialized cooperative education program for students 14-15 years of age which focuses on improving students' behavior, attendance, and grades while exploring career options. In the on-the-job training portion of the course, students are placed in a work experience where they gain entry level skills, develop strong work habits, and learn the importance of school success.

Math & Business



MATH



Algebra I

Course: MM2121 MM2122
Length/Credit: 1 year / 1.0
Prerequisite: Placement by the Instructional Coordinator
Grade(s): 9, 10, 11, 12
Other Info: A scientific calculator is required. Any of the TI-83 or TI-84 series calculators are recommended for Algebra II.

Algebra is a branch of mathematics which studies structure and quantity. Students actively work on guided investigations to develop algebraic concepts and problem solving skills.

Algebra II

Course: MM2221 MM2222
Length/Credit: 1 year / 1.0
Prerequisite: Algebra I and Geometry
Grade(s): 9, 10, 11, 12
Other Info: A graphing calculator is required. Any of the TI-83 or TI-84 series calculators are recommended for Algebra II.

Algebra II is the continued study of the applications of algebra and geometry used in problem solving. These concepts are then applied to real-life situations. Students learn how to use the graphing calculator to analyze data in more advanced algebraic explorations.

Foundations of Algebra

Course: MM0011 MM0012
Length/Credit: 1 year / 1.0
Prerequisite: Placement by the Instructional Coordinator
Grade(s): 9, 10
Other Info: A scientific calculator is required. Any of the TI-83 or TI-84 series calculators are recommended for Algebra II.

Successful completion of Foundations of Algebra prepares students to study Algebra I. Students master basic skills and procedures, understand mathematical principles, and acquire problem-solving strategies. Foundations of Algebra will present mathematical ideas in contexts that help students

Algebra II Honors

Course: MM2241 MM2242
Length/Credit: 1 year / 1.0
Prerequisite: "B" average or better in Algebra I and Geometry Honors or approval of Instructional Coordinator
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: A graphing calculator is required. Any of the TI-83 or TI-84 series calculators are recommended for Algebra II.

Algebra II Honors is the continued study of the algebra and geometry used in problem solving. Through in-depth explorations, this rigorous course focuses on the study of matrices, linear relationships and equations, functions, function transformations, exponential, logarithmic, polynomial and rational functions. The learning activities in this course include analysis, synthesis, and evaluation.

Introduction to Computer Science

Course: MM7133
Length/Credit: 1 semester / 0.5
Prerequisite: Algebra I
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: This course does not satisfy the graduation requirements for math.

This course introduces the fundamentals of computer science with an emphasis on structured programming. Students write well-structured programs designed to solve problems.

Computer Science AP

Course: MM7253 MM7353
Length/Credit: 1 year / 1.0
Prerequisite: Introduction to Computer Science or approval of Instructional Coordinator
Grade(s): 10, 11 12
Fee: Yes
Other Info: Students are required to take the AP Computer Science exam. This course does not satisfy the graduation requirement for math.

AP Computer Science translates the fundamental concepts of computer science and programming to the Java programming language. The course prepares students for the AP Computer Science A or AB exam by studying various computer science concepts through the use of the College Board's Marine Biology Case Study.

Geometry

Course: MM3121 MM3122
Length/Credit: 1 year / 1.0
Prerequisite: Algebra I
Grade(s): 9, 10, 11, 12
Other Info: A scientific calculator is required. Any of the TI-83 or TI-84 series calculators are recommended.

Geometry is designed to develop the concepts of Euclidean Geometry through the development of reasoning skills. Students learn and use the language of geometry to describe the world around them and solve geometric problems using logic and algebraic problem-solving skills.

Geometry Honors

Course: MM3141 MM3142
Length/Credit: 1 year / 1.0
Prerequisite: "B" average or higher in Algebra I or placement by the Mathematics Dept.
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: A scientific calculator is required. Any of the TI-83 or TI-84 series calculators are recommended.

Geometry is a field of knowledge that deals with spatial relationships. This rigorous course is designed to develop the concepts of Euclidean Geometry through the development of reasoning skills. In this course, students study previously learned algebra concepts at a deeper level, and apply their learning to realistic problems that require critical thinking.

Pre-Calculus

Course: MM5021 MM5022
Length/Credit: 1 year / 1.0
Prerequisite: Algebra II
Grade(s): 10, 11, 12
Other Info: A graphing calculator is required. Any TI-83 or TI-84 series calculators are recommended.

Pre-Calculus is designed for the mathematics student who has completed Algebra II. Students reinforce and further their understanding of advanced algebraic topics and study trigonometry. This course prepares the students to study Calculus AB.

Pre-Calculus Honors

Course: MM5041 MM5042
Length/Credit: 1 year / 1.0
Prerequisite: "B" average or better in Algebra II Honors or placement by the Instructional Coordinator
Grade(s): 10, 11, 12
Other Info: A graphing calculator is required. Any of the TI-83 or TI-84 series calculators are recommended.

Pre-Calculus Honors is designed for the mathematics student who has completed Algebra II Honors and is preparing to study Calculus AB or BC. This rigorous course concentrates on the study of trigonometry, sequences and series, vectors, and polar coordinates.

AP Calculus AB

Course: MM5151 MM5152
Length/Credit: 1 year / 1.0
Prerequisite: Pre-Calculus
Grade(s): 11, 12
Fee: Yes
Other Info: A graphing calculator is required. Any TI-83 or TI-84 series calculators are recommended. Students are required to take the AP Calculus AB exam.

Calculus is the study of mathematical relations in terms of limits, continuity, differentiation, and integration. Course study will include properties of functions, limits, differential calculus, and integral calculus. This course follows the AP syllabus and prepares the student for the AP test in May.

AP Calculus BC

Course: MM5251 MM5252
Length/Credit: 1 year / 1.0
Prerequisite: "B" average or better in Pre-Calculus or placement by the Instructional Coordinator
Grade(s): 11, 12
Fee: Yes
Other Info: A graphing calculator is required. Any of the TI-83 or TI-84 series calculators are recommended. Students are required to take the AP Calculus BC exam.

Calculus is the study of mathematical relations in terms of limits, continuity, differentiation, and integration. Students continue their study of Calculus AB topics and investigate special cases of differentiation, integration, and series. This course follows the AP syllabus and prepares the student for the AP test in May.

Statistics

Course: MM6021 MM6022
Length/Credit: 1 year / 1.0
Prerequisite: Algebra II
Grade(s): 11, 12
Other Info: A graphing calculator TI-83 or TI-84 series is required.

Statistics includes collecting, displaying, analyzing, and drawing conclusions from data. Students learn techniques for studying data, learn properties of the normal probability distribution, study elementary probability theory, sample data, test hypothesis, and draw conclusions.

Statistics AP

Course: MM6051 MM6052
Length/Credit: 1 year / 1.0
Prerequisite: "C" or higher in Algebra II Honors is recommended
Grade(s): 11, 12
Fee: Yes
Other Info: A graphing calculator TI-83 or TI-84 series is required. Students are required to take the AP Statistics exam.

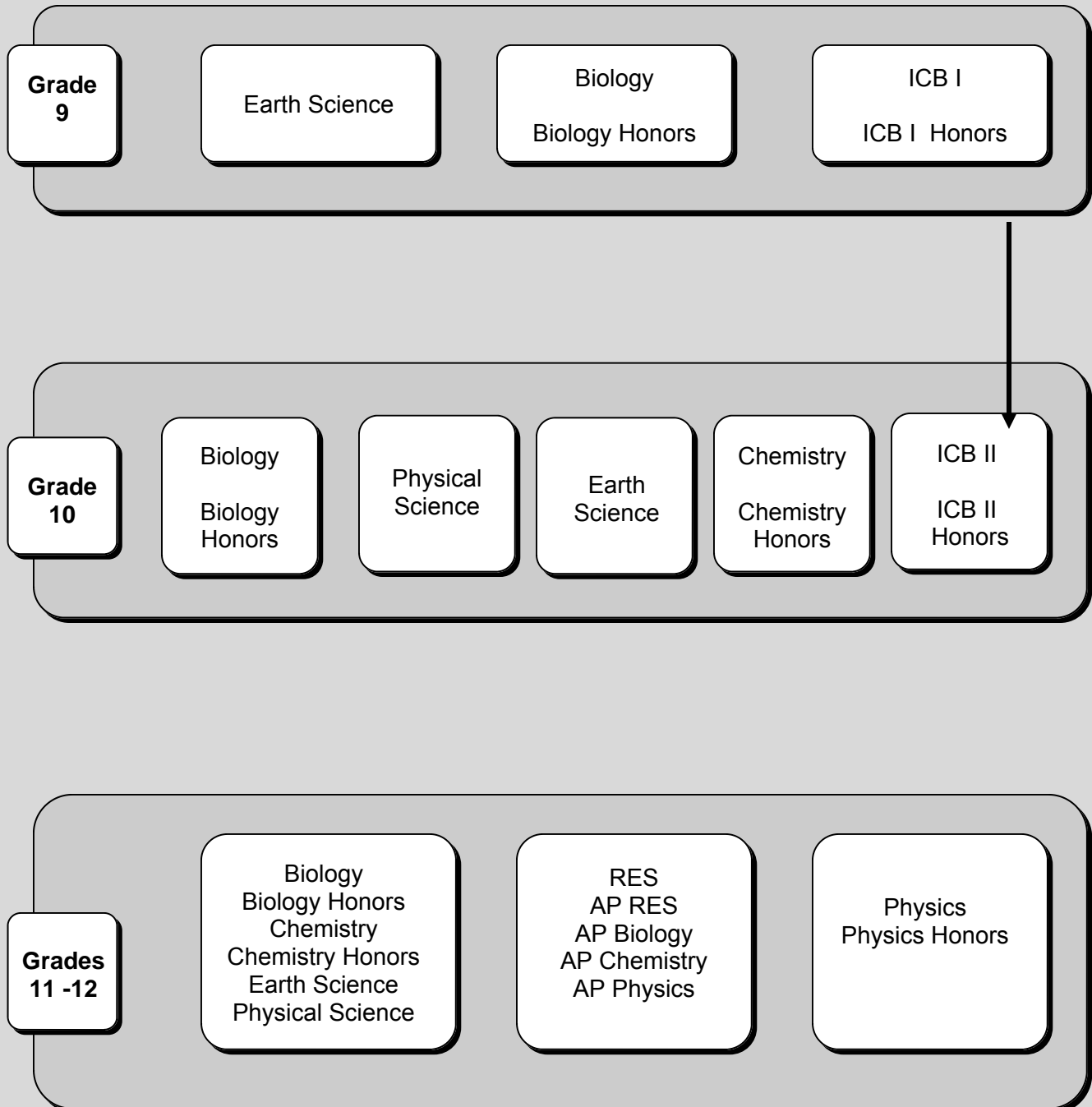
AP Statistics includes an in-depth study of collecting, displaying, analyzing, and drawing conclusions from data. Students learn techniques for studying data, learn properties of the normal probability distribution, study elementary probability theory, sample data, test hypothesis, and draw conclusions. This course follows the AP syllabus and prepares the student for the AP exam in May.

Science & Technology



SCIENCE
TECHNOLOGY

Recommended Sequence: Biology/Chemistry/Physics or ICB/Physics



Biology

Course: SS0121 SS0122
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12

Biology is the study of living things and their relationships with the non-living world. The course focuses on topics in cell biology, heredity, change-over-time and the relationship of organisms to their environment. Through supplemental lab experiences, students will further explore the subject matter through the application of the scientific method and problem solving strategies.

Biology Honors

Course: SS0141 SS0142
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12

Biology-Honors is the study of living things and their relationships with the non-living world. The course focuses on topics in cell biology, heredity, change-over-time and the relationship of organisms to their environment. Students will develop and utilize scientific skills including; scientific inquiry, problem solving, critical thinking, and the scientific habits of mind in studying biological processes. An honors course seeks to have students work more independently to make deep conceptual connections between concepts and topics in the areas of molecular biology, bio-chemistry and cell biology and other topic areas as well.

Biology AP

Course: SS0151 SS0152
Length/Credit: 1 year 1.5 periods / 1.0 honors
Prerequisite: 2 years of lab science including Biology

Grade(s): 11, 12

Fee: Yes

Other Info: Course fee includes AP Biology exam registration. Students are required to take the AP Biology exam.

Biology AP is the advanced and in-depth study of living organisms. Connections are made between living things and their environment and also an in-depth examination is made of cellular processes, the molecular and bio-chemical principles of life and how living systems reproduce and change over time. The subject matter is also explored through numerous laboratory and field investigations that support and expand on the curriculum.

Chemistry

Course: SS2021 SS2021
Length/Credit: 1 year / 1.0
Prerequisite: Algebra I and 1 year of lab science
Grade(s): 10, 11, 12

Chemistry is the study of the structure and properties of matter and the interactions of matter and energy. Students investigate the structure of the atom with a goal towards understanding the physical and chemical properties of elements, and chemical compounds and molecules. Chemical bonding, reactions and energy transformations are additional topics studied. Students will further explore chemistry concepts through laboratory investigations that emphasize the application of the scientific method and problem solving strategies.

Chemistry Honors

Course: SS2041 SS2042
Length/Credit: 1 year / 1.0
Prerequisite: Algebra I and 1 year of lab science
Grade(s): 10, 11, 12

Chemistry Honors is the study of the structure and properties of matter and the interactions of matter and energy. Students investigate the structure of the atom with a goal towards understanding the physical and chemical properties of elements, and chemical compounds and molecules. Chemical bonding, reactions and energy transformations are additional topics studied. Students will further explore chemistry concepts through laboratory investigations that emphasize the application of the scientific method and problem solving strategies. An honors course seeks to have students work more independently to make deep conceptual connections between concepts and topics in the areas of atomic theory, chemical reactions, thermodynamics, and other areas, as well.

Chemistry AP

Course: SS2051 SS2052
Length/Credit: 1 year 1.5 periods / 1.0 honors
Prerequisite: 2 years of lab science including Chemistry

Grade(s): 11, 12

Fee: Yes

Other Info: Course fee includes AP Chemistry exam registration. Students are required to take the AP Chemistry exam.

AP Chemistry is the advanced study of the structure and properties of matter. Students are provided with an in-depth examination of the chemical and physical properties of matter, with supportive and exploratory laboratory investigations.

Earth Science

Course: SS3021 SS3022
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10

Earth Science is the study of processes, energy, and forces that shape and form the world we live in. Students examine these processes and the history of change on earth and within the universe in topic areas including: geology, mineralogy, meteorology and astronomy. Students make observations, conduct investigations, collect data and communicate findings about the earth in order to be able to identify and describe earth materials and processes.

Integrated Chemistry-Biology I

Course: SS1121 SS1122
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10

Integrated Chemistry-Biology is the introductory science course in a two year program which integrates chemistry and biology. Students who take ICB Year I will take ICB Year 2 the following year. The course is team taught by two science teachers. The first year focuses on the structure of matter and its properties, particularly their structure-function relationships and how those create periodic patterns. The nature of matter and energy relationships in chemical bonding and reactions, as well as molecular structure are investigated in this first year course which provides a student with a foundation for bio-chemical investigations in the second year class which places more emphasis on biology. Labs provide students with basic skills in scientific method and problem solving.

Integrated Chemistry-Biology I-Honors

Course: SS1141 SS1142
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10

Integrated Chemistry-Biology Honors is the introductory science course in a honors two year program which integrates chemistry and biology. The course is team taught by two science teachers. The first year focuses on the structure of matter and its properties and their structure-function relationships which tend to create periodic patterns. Concepts in molecular structure and properties are examined in detail. Students in honors class will explore the structure of the atom at a more conceptual level and a solid algebra foundation is required for investigations into isotopes, balancing of equations, conversions, and for an understanding of moles and molarity. This first year course provides a student with a pre-AP level of treatment of chemistry in preparation for the molecular biology encountered in the second year honors ICB class. Labs provide students with basic skills in scientific inquiry and problem solving.

Integrated Chemistry-Biology II

Course: SS1221 SS1222
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade: 10

Other Info: Course may have an associated fee.
 Integrated Chemistry-Biology II is the continuation of the 2 year team-taught program which takes an integrated approach towards the teaching of chemistry and biology, science and technology. Two teachers from the content areas of biology and chemistry deliver and facilitate instruction. In the second year, students focus on the study of living things and their relationships with the non-living world with applications and concepts of chemistry applied. This second year course is on topics in cell biology, heredity, change-over-time and the relationship of organisms to their environment. There is a strong emphasis on molecular biology and bio-chemistry and other related topics that connect to concepts learned in the first year of the course. Through supplemental lab experiences, students will further explore the subject matter through the applications of the scientific method and problem solving strategies.

Integrated Chemistry-Biology II-Honors

Course: SS1241 SS1242
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade: 10
Other Info: Course may have an associated fee.
 Honors Integrated Chemistry-Biology II is the continuation of the 2 year team-taught program which takes an integrated approach towards the teaching of chemistry and biology, science and technology. Two teachers from the content areas of biology and chemistry deliver and facilitate instruction. In the second year, students focus on the study of living things and their relationships with the non-living world with applications and concepts of chemistry applied. This second year course is on topics in cell biology, heredity, change-over-time and the relationship of organisms to their environment. There is a strong emphasis on molecular biology and bio-chemistry and other related topics that connect to concepts learned in the first year of the course. Through supplemental lab experiences, students will further explore the subject matter through the applications of the scientific method and problem solving strategies. An honors course seeks to have students work more independently to make deep conceptual connections between concepts and topics in the areas of molecular biology, bio-chemistry and cell biology and other topic areas as well.

Physical Science

Course: SS4021 SS4022
Length/Credit: 1 year / 1.0
Prerequisite: Algebra recommended. Not open to students who have taken Chemistry or Physics.
Grade(s): 10, 11, 12
 Physical Science is the study of foundational topics in chemistry and physics. Concepts in atomic structure and chemical and physical properties of matter are examined along with basic forces of nature, and concepts of energy and its relationship to matter. There is a strong emphasis in this course on hands-on problem solving, scientific inquiry, and the practical applications of the concepts examined.

Physics

Course: SS4221 SS4222
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 11, 12
 Physics is the study of the laws and principles that govern matter and energy. Students explore concepts in physics that include: motion, forces, energy, waves, and other topics. Student observe, interpret and analyze phenomena and data from hands-on laboratory investigations that are intended to lead to deeper conceptual connections about the nature of the laws and principles that govern these topic areas.

Physics Honors

Course: SS4241 SS4242
Length/Credit: 1 year / 1.0
Prerequisite: 2 lab sciences and Geometry
Grade(s): 11, 12
 Honors Physics is the study of the laws that govern matter and energy at a deeper conceptual level using mathematical models and functions from trigonometry and advanced algebra. Students explore concepts in motion, forces, energy, waves, electricity and other related topics. Additionally, students engage in solving real world problems that involve concepts and principles of physics. Students observe, interpret and analyze phenomena and data taken from hands-on investigations that are intended to lead to conceptual connections about the nature of physical laws and principles. A strong mathematical foundation is recommended.

Physics AP

Course: SS4251 SS4252
Length/Credit: 1 year 1.5 periods / 1.0 honors
Prerequisite: 2 years of lab science including Physics
Grade(s): 11, 12
Fee: Yes
Other Info: Course fee includes AP Physics exam registration. Students are required to take the AP Physics exam
 AP Physics is an in-depth study of the laws that govern the behavior of matter and energy. Engaging in and solving real world physics problems and formally presenting solutions to problems are additional goals for AP Physics students. Students will perform self-designed and pre-designed laboratory investigations, which may include student development of laboratory procedures. Data analysis will require advanced math skills.

Regional Environmental Science

Course: SS5021 SS5022
Length/Credit: 1 year 1.5 periods / 1.0
Prerequisite: Two year of lab science
Grade(s): 11, 12

This is a field based course that integrates concepts in biology and earth science in order to study our local environment. The course will focus on investigating Illinois' biodiversity, habitats, and regional environmental concerns due to human impact. The course centers on challenging students to confront problems, collect and analyze data, and develop solutions to real-world problems. The course includes a component on restoration of local habitats that partners with local schools and the Kane County Forest Preserve District.

Regional Environmental Science

Course: SS5051 SS5052
Length/Credit: 1 year 1.5 periods / 1.0
Prerequisite: Two year of lab science including Biology
Grade(s): 11, 12

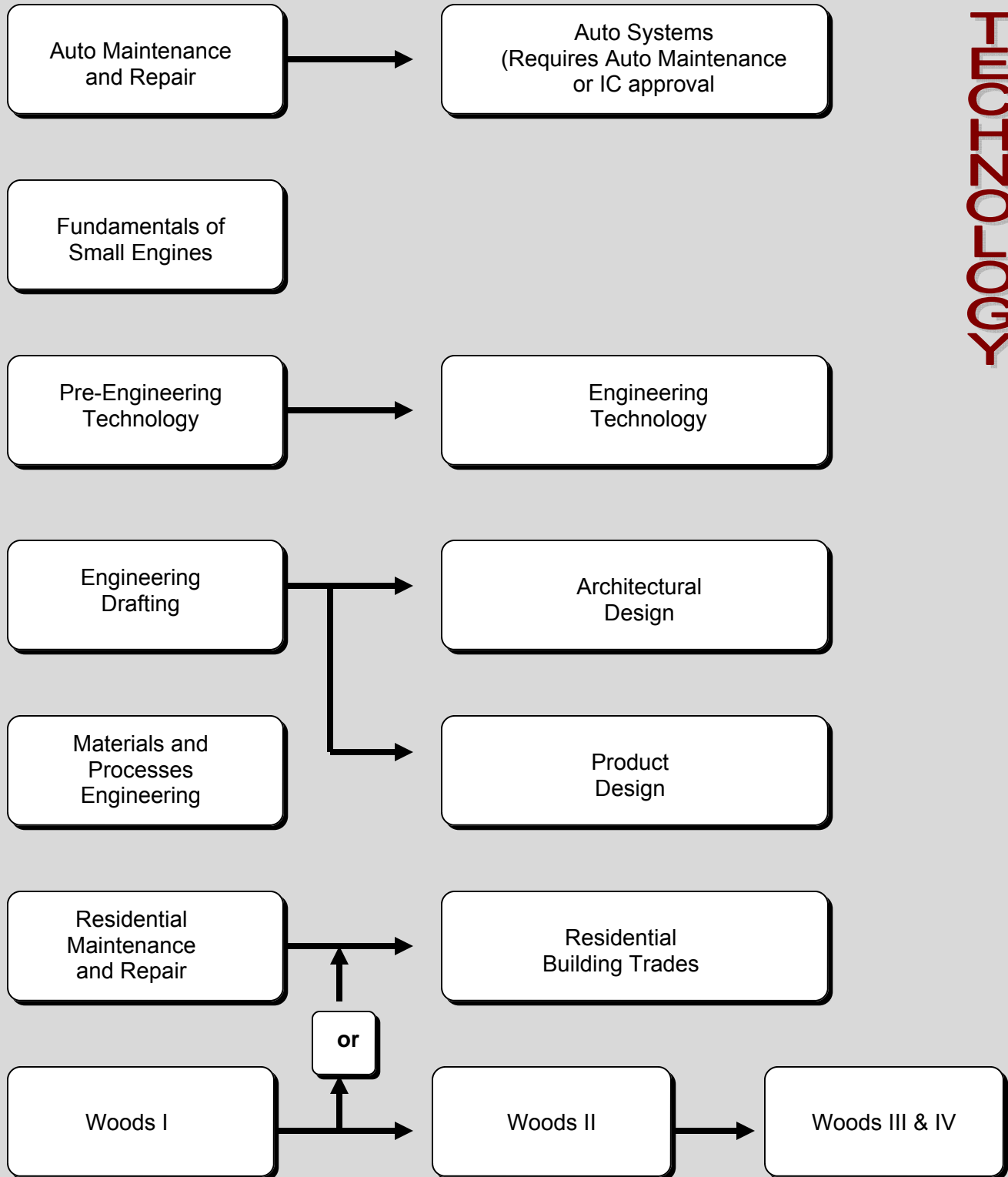
Other Info: Course fee includes AP Environmental Science exam registration. Students are required to take the AP Biology exam.

This is a field based course that integrates concepts in biology and earth science in order to study our local environment. The course will focus on investigating Illinois' biodiversity, habitats, and regional environmental concerns due to human impact. This course challenges students to confront problems, collect and analyze data, and develop solutions to real-world problems. The course includes a component on restoration of local habitats that partners with local schools and the Kane County Forest Preserve District in on-site work at a restoration project. The AP class runs concurrently with the regular level RES course, but students in AP receive differentiated instruction that challenges their thinking and performance at the level of a college course. Independent and advanced work is required of the AP student who need to utilize increased abstract problem solving and inquiry skills to be successful.

Science & Technology



TECHNOLOGY



Architectural Design

Course: ST1141 ST1142
Length/Credit: 1 year-1.5 period class / 1.0 Honors
Prerequisite: Engineering Drafting
Grade(s): 11, 12
Fee: Yes

Honors Architectural Design is a study of aspects of residential architecture, including construction practices and principles of residential design. This course focuses on three major areas of study: drafting/CAD techniques as related to architectural drawing, residential construction practices, and principles of design in regard to residential architecture. Students will learn how to work from design briefs to create bubble plans, layout drawing, models, and working and presentation drawings. Finally, students will design a single family residence.

Auto Maintenance and Repair

Course: ST2023
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

This course focuses on the study of the automobile and its included systems to understand its operation. Students learn and practice common maintenance skills and repair techniques on their own vehicles. They will gain a foundational level of understanding which may assist them as a consumer.

Automotive Systems and Services

Course: ST2221 ST2222
Length/Credit: 1 year / 1.0
Prerequisite: Auto Maintenance and Repair
Grade(s): 10, 11, 12
Fee: Yes

This course is a further exploration of automotive systems. Students will develop skills that include diagnosis and repair, safe work practices, and professionalism. Classroom activities are reinforced using a hands-on approach as students solve real world automotive problems. Students will understand the theory of operation of automotive systems, the common failures of the systems, and practice many diagnostic/repair approaches to solving problems.

Engineering Drafting

Course: ST1021 ST1022
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Engineering Drafting will introduce students to the basic tools and skills used to generate technical drawings, and explanation form design ideas. The scope of this course will include the study of mechanical, architectural, and product design through the development of skills in traditional drafting and modern Computer-Aided-Design. This class exposes students to drafting tools that range from traditional board and pencil to the latest software of Auto CAD.

Engineering Technology

Course: ST0223
Length/Credit: 1 semester / 0.5
Prerequisite: Pre-Engineering Technology
Grade(s): 9, 10, 11, 12
Fee: Yes

Engineering Technology continues to build the skills and concepts introduced in Pre-Engineering Technology. The class will focus specifically on real-world technological problems and develop skills in applying the design process. Students will understand the applications of technology in society, solve technical problems through building models/prototypes, and apply technical solutions to a given problem.

Fundamentals of Small Engines

Course: ST2123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: Students should provide their own engines to work on during the course of this class.

Students examine the fundamentals of operation of small two-and four-cycle engines. Students disassemble, rebuild, perform routine maintenance and diagnostic repair of small internal combustion engines. Students will also learn necessary concepts of consumerism and career paths related to the repair and maintenance of engines. This course emphasizes hands-on activities and lab performance as well as problem solving.

Materials, Processes and Engineering

Course: ST6021 ST6022
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Students will be introduced to a variety of materials and manufacturing processes that will provide a foundation in the engineering design field. Students will explore and utilize various industrial materials, properties and applications. They will apply experimental inquiry to real world situations, research techniques, develop creative solutions, and effectively communicate solutions for design engineering and production problems. Students complete portfolios of their work, individual and team projects and make presentations related to the field of materials engineering.

Pre-Engineering Technology

Course: ST0123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Pre-Engineering Technology is a hands-on approach to understanding the influence of technology on modern life. The class includes the use of industrial equipment, engineering principles and design software in order to solve technological problems. Students will test and evaluate technical concepts using equipment such as a CNC mill, injection mold, wind tunnel, robots, satellites, and other technologies.

Product Design

Course: ST1241 ST1442
Length/Credit: 1 year 1.5 periods / 1.0
Prerequisite: Engineering Drafting
Grade(s): 10, 11, 12
Fee: Yes

This course introduces students to the elements of industrial and product design as a career field. The course is founded on a problem solving model through which students perform product and mechanical designs using CAD and other technologies. With focus on mechanical, lighting, vehicle, and furniture designs generating end products, this course will develop a working knowledge of industrial design terminology and practices including marketing, finance, ergonomics, and prototyping.

Residential Building Trades

Course: ST3121 ST3122
Length/Credit: 1 year-2 periods / 2.0
Prerequisite: Residential Maintenance and Repair, or Woods I, or consent of Instructional Coordinator
Grade(s): 10, 11, 12
Fee: Yes

Residential Building Trades is a course designed to utilize and teach various job entry level skills related to residential construction. Students will gain an understanding of blueprint reading, building codes, inspection procedures and cost estimation as they take part in the construction of a single family residence that was designed by an architecture student.

Residential Maintenance and Repair

Course: ST3023
Length/Credit: 1 year-2 periods / 2.0
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Residential Maintenance and Repair is an introduction to basic maintenance processes and practices frequently encountered in the home. Students will develop a working knowledge of carpentry, electrical, and plumbing systems. Students will learn how to perform drywall repairs and design and install ceramic tile.

Woods I

Course: ST4121 ST4122
Length/Credit: 1 year / 1.0
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Woods I is an entry-level woodworking course, this course introduces hand and machine tools used to complete a variety of processes. Students will plan projects, select materials and utilize wood technology. Students will also participate in team design, manufacturing, and project assembly. Further, students will build a required project and design and build a project of their choice.

Woods II

Course: ST4221 ST4222

Length/Credit: 1 year / 1.0

Prerequisite: Woods I

Grade(s): 9, 10, 11, 12

Fee: Yes

Woods II builds on the skills developed in Woods I with an emphasis on individual applications and further development of woodworking skills. Students will also calculate board feet and total cost. Further, students will sketch, design, manufacture, and assemble an individual project, professionally stain and finish an individual project, and master more advanced assembly procedures.

Woods III & IV

Course: ST4321 ST4322

Length/Credit: 1 year / 1.0

Prerequisite: Woods II

Grade(s): 11, 12

Fee: Yes

Woods III and IV builds on the skills developed in Woods II with an emphasis on the design and construction of complex projects. They will gain in-depth knowledge of machines (table saw, shaper, planer, jointer, lathe, router, and power miter saw) and apply that knowledge to advanced woodworking.

Woods II builds on the skills developed in Woods I with an emphasis on individual applications and further development of woodworking skills. Students will also calculate board feet and total cost. Further, students will sketch, design, manufacture, and assemble an individual project, professionally stain and finish an individual project, and master more advanced assembly procedures.

Special Education



SPECIAL EDUCATION

The Special Education Learning Area provides support for students with identified disabilities. Through the evaluation process, the appropriate level of service for the student is determined. The appropriate supports and services are outlined in the Individualized Education Program (IEP). This enables the students to be included as appropriate in school, which in turn enables them to be successful in the community after completion of their education.

Consumer Education

Course: SN1111 SN1112
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 11, 12

The course is designed to increase understanding of personal finances, taxes, loans, and significant purchases. This course meets the consumer education requirements.

Freshman/Sophomore Writing

Course: SN0511 SN0512
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10

The course is designed to provide instruction and guidance in written language tasks. Including: strategies for improved conventions and development in various written tasks.

Introduction to Computer Technology

Course: SN0111 SN0112
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10, 11, 12
Other Info: This course is intended to fulfill the Keyboarding perquisite.

This course is designed to provide instruction in keyboarding skills, internet applications, and software programs. Students learn skills and strategies towards the completion of various computer projects.

Junior/Senior Writing

Course: SN0521 SN0522
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 11, 12

This course is designed to provide direct instruction and guidance in research and report writing. The student will have the opportunity to develop skills needed in college writing.

Math

Course: SN0911 SN0912
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10, 11,12

This course is designed to prepare students for Math Foundations. It provides instrumentation on basic math skills (computation and application).

Math Foundations

Course: SN1711 SN1712
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10, 11, 12

The course is designed to prepare students for Foundations of Algebra. Students receive instruction in basic skills and procedures, math principles, and problem-solving strategies.

Math Resource

Course: SN1311 SN1312
Length/Credit: 1 semester / No credit
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10, 11,12

Other Info: May be taken one or more times.
 This course is designed to provide assistance and support for the re-teaching and clarification of concepts presented in the students math class.

Reading

Course: SN0611 SN0612
Length/Credit: 1 year / 1.0
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10, 11, 12

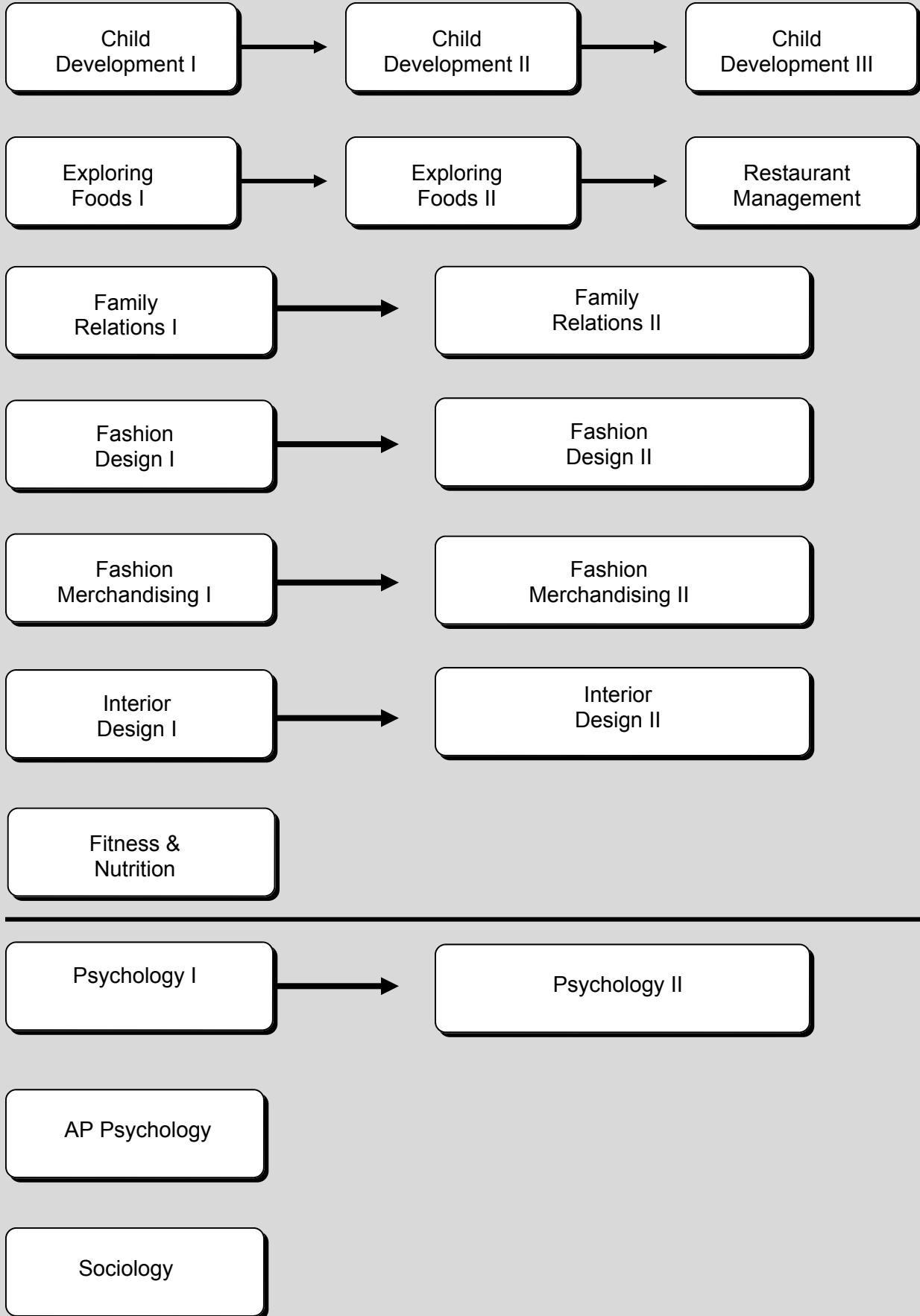
This course is designed for the general improvement of basic reading skills. Students learn their strengths, weaknesses and learning styles and develop strategies for improving decoding, vocabulary, fluency and comprehension.

Resource Study Hall

Course: SN5011 SN5012
Length/Credit: 1 semester or 1 year / No credit
Prerequisite: Recommendation of IEP Team
Grade(s): 9, 10, 11, 12

Other Info: May be taken one or more times.
 The course is designed to provide academic supports to assist students towards progression of their IEP goals.

Wellness



FAMILY & CONSUMER SERVICES SOCIETY

Child Development I

Course: WF3023
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12

Throughout this course, students will examine child development theory from the prenatal stage through age five. Students will learn about the interrelationships among physical, emotional, social and intellectual aspects of human growth and development.

Child Development II

Course: WF3123
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Child Development I with a grade of "C" or higher is recommended.
Grade(s): 9, 10, 11, 12

This course provides students the opportunity to teach 3-5 year olds in the preschool center at the high school. Students will demonstrate appropriate techniques for interacting with and guiding preschoolers by providing a safe and healthy learning environment for children.

Child Development III

Course: WF3221 WF3222
Length/Credit: 1 year / 1.0
Prerequisite: Completion of Child Development I ,II with a grade of "C" or higher is recommended.
Grade(s): 11, 12

This course provides opportunity for the student to assist in a local elementary classroom four days a week. Students plan and teach developmentally appropriate lessons and activities that utilize instructional guidance and demonstrate appropriate discipline procedures.

Exploring Foods I

Course : WF1123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes

Through both classroom and lab settings, the students will be introduced to basic food preparation and selection for healthy living.

Exploring Foods II

Course : WF1223
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Exploring Foods I with a grade of "C" or higher is recommended.
Grade(s): 9, 10, 11, 12
Fee: Yes

This course builds on the basic food preparation skills from Exploring Foods I, encompassing meal planning and preparation as well as international cooking. Students will learn in both classroom and lab settings.

Family Relationships I

Course: WF4123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 10, 11, 12

This course is a foundational course investigating personality development, effective communication skills, family structures and personal interactions. The general focus is on the development of adolescents in relation to family.

Family Relationships II

Course: WF4223
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Family Relationships I with a grade of "C" or higher is recommended.
Grade(s): 10, 11, 12

Throughout this course, students will investigate various parenting issues including readiness to parent and positively modifying the behavior of a child.

Fashion Design I

Course : WF2123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: Students purchase materials and supplies for their projects.

This is a foundation course in apparel construction. Students will focus on the application of knowledge and skills gained in fashion design, textile choices and manufacturing processes to construct a variety of clothing projects.

Fashion Design II

Course: WF2223
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Fashion Design I with a grade of "C" or higher is recommended.
Grade(s): 9, 10, 11, 12
Fee: Yes
Other Info: Students purchase materials and supplies for their projects.

This course builds upon the knowledge and skills gained in Fashion Design I. It provides students with advanced skills in apparel design and construction leading to student products that reflect enhanced and extended learning and practice.

Fashion Merchandising I

Course: WF2323
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Fashion Design I and II recommended.
Grade(s): 10, 11, 12
Fee: Yes

This course focuses on fashion history, illustration and design, wardrobe planning and customer service. Throughout the semester, students will learn about fashion trends, analysis and illustration in order to design their own line of clothing.

Fashion Merchandising II

Course: WF2423
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Fashion Merchandising I with a grade of "C" or higher is recommended.
Grade(s): 10, 11, 12
Fee: Yes

This course provides students with the opportunity to plan, produce and participate in a fashion show; learn about visual merchandising techniques, and study marketing for apparel.

Fitness and Nutrition

Course: WH1523 WF1523 (semester 1)
 WH1522 WF1522 (semester 2)
Length/Credit: 1 semester / 0.5 or 1 year / 1.0
Prerequisite: Completion of Physical Education I,II with a "C" or better recommended.
Grade(s): 11, 12
Fee: Yes

This course is a 2 period integrated course which links knowledge of nutrition with personal wellness. Students will prepare nutritious foods and participate in various fitness and stress management activities to develop a total approach to wellness.

Interior Design I

Course: WF2523
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 11, 12

This course focuses on the application of Interior Design theories. Through projects such as the Charleston Building and Trades Interior Design contest, students will demonstrate understanding and skills such as basic drafting techniques, consumer selections and space planning.

Interior Design II

Course: WF2623
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Interior Design I with a grade of "C" or higher is recommended.
Grade(s): 11, 12

This course is designed to explore the occupational training needs of interior designers and other professionals related to residential and commercial architecture and decorating. Students will analyze influences on architectural and furniture designs.

Psychology I

Course: WS1123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 11, 12

This course is designed to introduce students to the field of psychology. Students will take a scientific approach to studying human behavior with specific emphasis on research methods used in the field, theories of personality and human development across the lifespan. The goal of the course is for students to better understand and explain the behavior of themselves and others.

Psychology II

Course: WS1223
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Psychology I with a "C" or higher recommended.
Grade(s): 11, 12

This course is a continuation of Psychology I where students will further explore issues in the field of psychology. Students will be exposed to the physiological influences on behavior, the origin and treatment of mental disorders and the application of psychological concepts in a social setting. By investigating these topics from a scientific perspective, one is better able to understand the normal and abnormal behavior of other individuals.

Psychology AP

Course: WS1351 WS1352
Length/Credit: 1 year / 1.0
Prerequisite: Academic average of "C" or higher is recommended.
Grade(s): 11, 12
Other Info: Summer reading assignment is required.

This course is intended to provide students with an enriched, rigorous opportunity to explore the field of psychology at the introductory college level. Students will explore the scientific study of behavior and mental processes of individuals at a more advanced level than the introductory courses. Students will also acquire and utilize the critical thinking skills that are required in the field.

Restaurant Management I

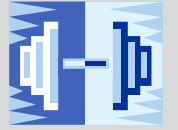
Course: WF1322
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Exploring Foods I and II with the grade of "C" or higher is recommended.
Grade(s): 10, 11, 12
Fee: Yes

This is a 2 period course designed to meet the needs and interests of students preparing to work in the food industry. In both classroom and lab setting, students will assume various roles within the student run restaurant.

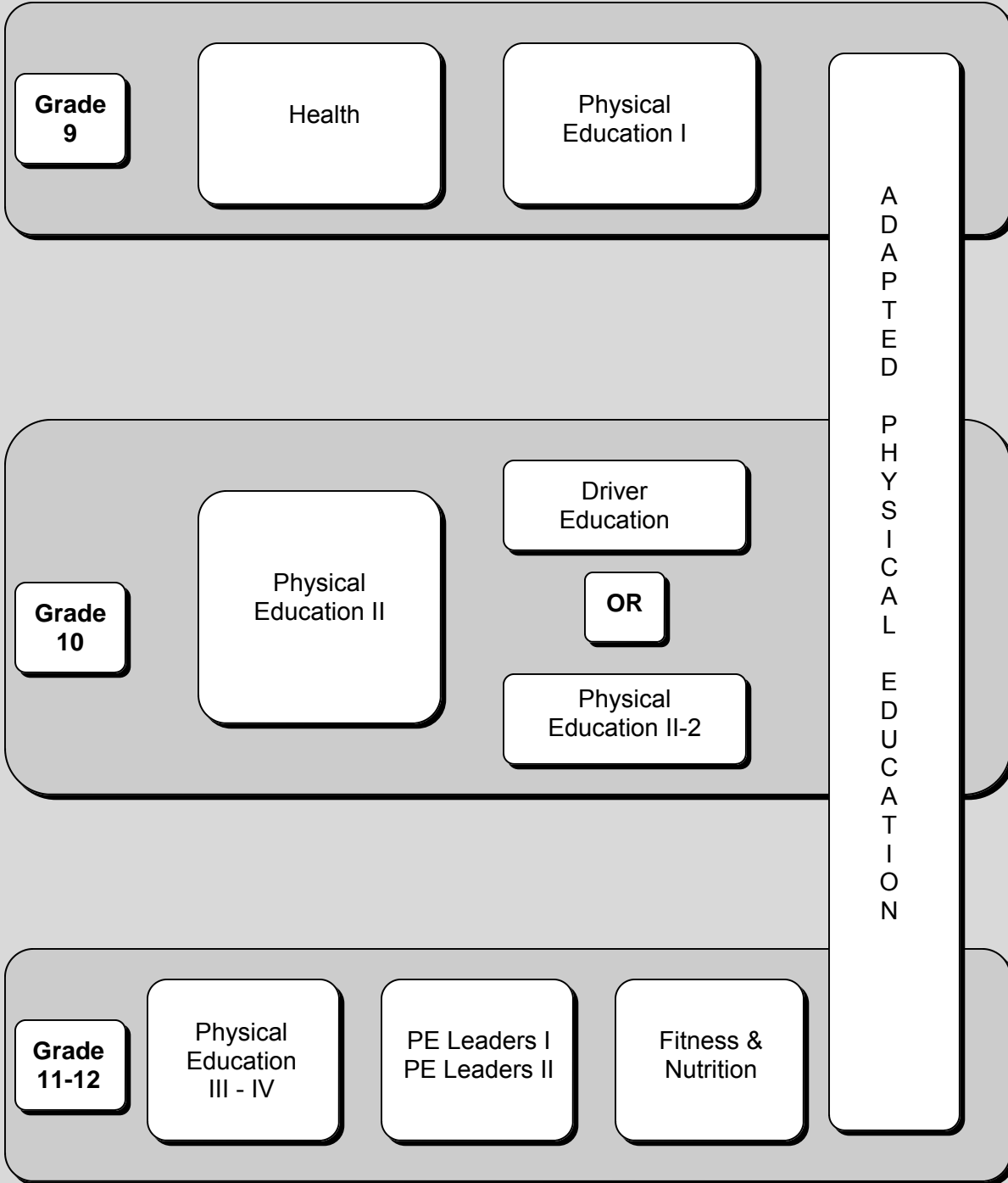
Sociology I

Course: WS0123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 11, 12

This course allows students the opportunity to explore human behavior as a science. Students will acquire the skills and perspective that is necessary to view issues and relationships at the social or group level. Specifically, students will address such issues as socialization, conformity, and deviance, social structure and inequality.



PHYSICAL - HEALTH - DRIVER - PE EDUCATION



Adapted Physical Education

Course : WH1321 WF1322
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fees: Yes

This is a modified Physical Education class for students that are unable to participate in the regular Physical Education classes due to a disability. The program is designed to accommodate each student's needs as he/she participates in lifetime leisure and fitness activities.

Driver Education

Course : WH3021 WH3022
Length/Credit: 1 semester / 0.5
Prerequisite: Age restrictions and State of Illinois requirements
 WH3021-Age 16 by February 1st
 WH3022-Age 16 by July 1st
Grade(s): 10, 11, 12
Fee: Yes
Other Info: Students who hold a current Illinois permit or Driver's License can take the Driver Education course during summer school.

This course is an integrated, four phase Driver Education program that includes instruction and practice in the classroom, simulation lab experiences, range lessons and behind the wheel lessons. Students will demonstrate knowledge of state driving laws along with safe, responsible driving skills through various driving environments.

Fitness and Nutrition

Course : WH1523 WF1523 (semester 1)
 WH1522 WF1522 (semester 2)
Length/Credit: 1 semester / 0.5 or 1 year/1.0
Prerequisite: Completion of Physical Education I, and II with a grade of "C" or better recommended.
Grade(s): 11, 12
Fee: Yes

This course is a 2 period integrated course which links knowledge of nutrition with personal wellness. Students will prepare nutritious foods and participate in various fitness and stress management activities to develop a total approach to wellness.

Health-Level I

Course : WH2013 WF2012
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12

This course will assist the student in developing life management skills from adolescence through adulthood. Through classroom activities, students will learn about the skills, knowledge and practices needed to make informed choices regarding their personal wellness. Additional support in reading, writing, and study skills will be provided.

Health

Course : WH2023 WF2022
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12

This course will assist the student in developing life management skills from adolescence through adulthood. Through classroom activities, students will learn about the skills, knowledge and practices needed to make informed choices regarding their personal wellness.

Physical Education I

Course : WH0123
Length/Credit: 1 semester / 0.5
Prerequisite: None
Grade(s): 9, 10, 11, 12
Fees: Yes

This course focuses on basic fitness concepts and their relation to lifetime fitness activities. Through physical activities (including aquatics), classroom lessons and teambuilding initiatives, students will enhance their understanding of fitness foundations, performance training skills, and level of personal fitness.

Physical Education II

Course : WH0223
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Physical Education I with a grade of "C" or better is recommended.
Grade: 10
Fees: Yes

This course is a continuation of Physical Education I with more emphasis on sport skills, strategy and water safety. Through physical activities, classroom lessons and teambuilding initiatives, students will be applying their knowledge in authentic wellness enhancing activities.

Physical Education II-Yearlong

Course : WH0121 WH0122
Length/Credit: 1 year / 1.0
Prerequisite: Completion of Physical Education I with a grade of "C" or higher recommended.
Grade: 10
Fees: Yes
Other Info: This course is designed for students who do not enroll in Driver Education during their sophomore year and must enroll for two semesters of P.E. II.

This course is a continuation of Physical Education I with emphasis on lifetime and recreational activities. Through physical activities, classroom lessons and teambuilding initiatives, students will be applying their understanding of fitness knowledge and strategy to activities which stress lifelong wellness.

Physical Education III-IV

Course : WH0321 WH0322
Length/Credit: 1 semester / 0.5
Prerequisite: Completion of Physical Education I and II with a grade of "C" or higher recommended.
Grade(s): 11, 12
Fees: Yes

This course offers a lifetime, recreational and fitness activities. Students are offered choice in their activities. Through physical activities, classroom lessons and teambuilding initiatives, students will develop personal fitness program, implement advanced strategies and expand their knowledge of health related topics.

Physical Education Student Leaders I

Course : WH1121 WH1122
Length/Credit: 1 year / 1.0
Prerequisite: 15 years of age, selection of Wellness Staff following completion of application form, successful completion of the 500 meter swim during Physical Education II
Grade: 11
Fees: Yes
Other Info: This is the first year of a 2 year commitment.

This course helps to nurture the qualities of leadership, responsibility, cooperation, initiative, self-confidence, communication and self-discipline. Through this yearlong course, students will develop the knowledge and skills to effectively assist a physical education class. This will include the completion of American Red Cross certification in Lifeguarding (including First Aid) and Professional CPR (including AED)

Physical Education Student Leaders II

Course : WH1221 WH1222
Length/Credit: 1 year / 1.0
Prerequisite: Completion of Physical Education Leaders I with a grade of "B" or higher including successful completion of all ARC certifications.
Grade: 12
Fees: Yes

This course provides the opportunity for the students to extend, refine and apply the skills and knowledge acquired in the Physical Education Student Leaders I course. In their role as an assistant in a Physical Education class, they will lead and organize group activities, serve as a lifeguard and officiate various sports.

Study Hall/Resource



STUDY HALL RESOURCE

Full Period Study Hall

Course: XS1001 XS1002

Credit: None

Quiet, formal study environment.

Formal Study/Lunch

Course: XLS1001 XL1002

Credit: None

A combination of 1/2 period lunch with 1/2 period quiet, formal study environment.

Informal Study/Lunch

Course: XLS2001 XL2002

Credit: None

A combination of 1/2 period lunch with 1/2 period relaxed informal study environment.

Applied Study Resource/Lunch

Course: XL5001 XL5002

Length: 1/2 or full period

Credit: None

Grade(s): 9, 10, 11, 12

Applied Study is a structured program open to all students. Students learn study skills within the context of their classroom assignments in a small group setting.



Fox Valley Career Center

Fox Valley Career Center (FVCC) serves as an extension of St. Charles High Schools for vocational training programs. The classes at FVCC provide skills for those directly entering a variety of occupations, as well as for students wishing to continue their education at community colleges, technical schools and four-year- colleges/ universities to further their professional and technical training. Junior and Senior students may enroll in career classes earning 2½ credits per year toward their high school diploma. Classes meet 2 periods daily, except for the Cosmetology program which meets longer and students earn 3 credits. Several RVCC programs offer internship and apprenticeship opportunities for advanced level students. If you need additional information, please ask your counselor or contact FVCC office at 630-365-5113.

Automotive Technology I &II

Computer Technology (PC Maintenance/Repair & Networking)

Computer Technology (Web Development)

Cosmetology I & II

Early Childhood I & II

Electronics Technology I & II

Fire Science I & II

Graphic Communication I & II

Health Occupations-Certified Nurse Assistant

Health Occupation-Exploring Medical Careers

Horticulture I & II

Law Enforcement/Criminal Justice

Principles of Technology I & II

Residential/Commercial Electrician I & II

Small Engines I & II

Welding I &II

Cooperative Education

Education Careers

E-T-C offers a variety of career/college preparation opportunities for all students. E-T-C offers hand-on, work-based learning through internships, job shadowing, and apprenticeships at area businesses. Visit the E-T-C web-site at www.elgin.cc.il.us and see what interests you. E-T-C also offers high school seniors a special opportunity to earn college credit at Elgin Community College (ECC) while still in high school. High school seniors take classes at ECC as part of their typical school day. Students interested in earning dual credit in one of the career and technical areas may contact their high school guidance counselor and inquire further. Tuition, text and most supplies are paid for by your school district. Transportation agreements vary by district or students provide their own.

Associate of Applied Science Degree Programs

Arts and Communication

Business, Management and Computer Technology

Health Services

Public & Human Services

Industrial & Engineering Technology