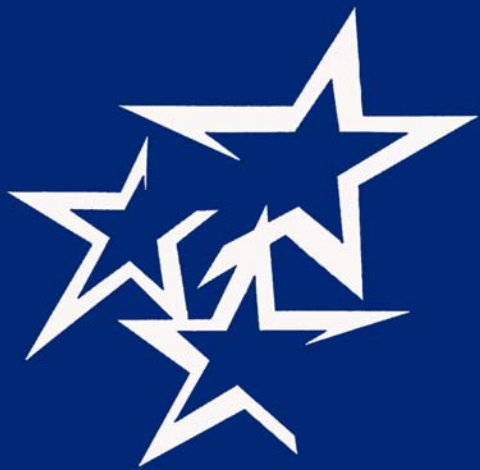


*St. Charles East High School*

*Rooming  
Offering  
Planning  
and Course  
2007-2008*



*St. Charles North High School*

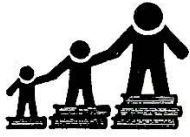
# *District 303 Vision Statement*

## **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.



# COMMUNITY UNIT SCHOOL DISTRICT 303

*Serving St. Charles and the surrounding communities...  
recognized for excellence by the United States Department of Education*

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201 South 7th Street • St. Charles • Illinois 60174-2664 • 630-513-3030 • Fax 630-513-5392 • www.d303.org

Dear Students and Parents/Guardian:

Working together, St. Charles East and North High Schools have established a diversity of course offerings that provides strong, core academic preparation combined with extensive elective opportunities. The comprehensive nature of this curriculum enables our students to prepare for a variety of post high school experiences including the rigors of a four-year college, university experience, or career placement. These programs and courses represent a rich and comprehensive curriculum that has been designed to meet the diverse abilities, needs, and interests of all students.

This handbook contains valuable information needed for each student to develop his or her personal four-year program of study. In addition, students and parents should use each year as a time to reflect on success and experience and make appropriate revisions to that four-year plan. As you review the information contained on these pages, you will find many familiar courses in the traditional academic Learning Area environments. At the same time, we encourage you to closely examine a variety of interdisciplinary courses. These courses are intended to enhance student understanding through combining areas of study, and provide unique opportunities in longer blocks of instructional time.

In addition, our curriculum offers richness across the total educational program that allows our students to participate in many learning experiences beyond the core subjects. We encourage all students to look to these elective courses as opportunities to expand their personal interests, explore work and career opportunities, and identify potential post-secondary programs of study.

Take this opportunity to plan future educational or work experiences and discuss your options with your counselor and our staff members as you prepare for the years ahead. These are serious decisions that are best made in a partnership approach with school, staff, and family working together to ensure success.

We wish you success in your high school experience.

Sincerely,

Robert H. Miller, Principal  
St. Charles East High School

Kimberly S. Zupac, Principal  
St. Charles North High School

*Notes:*

# *St. Charles High Schools*

## Course Offering Book and Planning Guide

2007-2008

This resource provides both general and specific information about District 303 course offerings, graduation requirements, school policies, and high school and college planning. This information will be useful as you select courses for your high school career and as you prepare for post-secondary education.

What you will find in this resource:

- Pathways for student success in each discipline
- Descriptions of each course
- Graduation requirements
- High school and post-secondary planning information
- Answers to frequently asked questions regarding course registration

Your counselor is your central contact for the course registration process and is available to answer your questions, help you find information, and provide guidance in your course selections.

**This guide is also available online through  
District 303's website, [www.d303.org](http://www.d303.org).**

## FIND IT FAST

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# Graduation Requirements Worksheet

This tool can be used to plan your academic program, record credits earned, and track progress towards fulfilling the graduation requirements listed on page 5.

Each  represents .5 credit (1 semester).

*Example - By the end of sophomore year, a student's English credits may look like this. This example also shows that the student is planning to take English III in the upcoming year.*

**English = 4 Credits**

English I 1st semester .5 earned	English I 2nd semester .5 earned	English II 1st semester .5 earned	English II 2nd semester .5 earned	Junior year: English III 1st semester	Junior year: English III 2nd semester	<input type="checkbox"/>	<input type="checkbox"/>
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**English = 4 Credits**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

**Math = 2 Credits (For the Class of 2008) - 3 Credits (Beginning with the Class of 2009)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

**Science = 2 Credits**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------

**History = 2 Credits**

**1.0 World History (Classes of 2008 & 2009)/1.0 Global Issues (Class of 2010 and thereafter) and 1.0 U.S. History**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------

**U.S. Government = 0.5 Credit**

<input type="checkbox"/>
--------------------------

**Economics = 0.5 Credit (Met through: Economics, AP Macroeconomics, Co-op Work Training I, or Distributive Education I)**

<input type="checkbox"/>
--------------------------

**Health = 0.5 Credit**

<input type="checkbox"/>
--------------------------

**Physical Education/Driver Education = 3.5 Credits (Must be enrolled in PE, Health, or Driver Education each Semester)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**Electives = 8 Credits (For the class of 2008) - 7 Credits (Beginning with the Class 2009)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Total Must Equal a Minimum of 23 Credits to Meet Graduation Requirements.**  
(A student may graduate with as many as 32 total credits.)

This student has met the PS&E Graduation Requirement :  Yes

# 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.

MINIMUM REQUIREMENTS FOR GRADUATION FROM ST. CHARLES HIGH SCHOOLS	
Course	Credits
English	4.0
Mathematics	3.0
<i>Mathematics</i>	2.0 (For the class of 2008)
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
<i>Electives</i>	8.0 (For the class of 2008)
<b>TOTAL CREDITS</b>	<b>23.0</b>

## 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 Macroeconomics 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 9<sup>th</sup> 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, drama, foreign 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:** Those seeking physical education exemptions should refer to School Board Policy 7:260. Students may, however, 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.

## College Preparatory Courses

The recommended college core courses (as defined by ACT) include:  
 English (Four years or more)  
 Mathematics (Three years or more)  
 Social Sciences (Three years or more)  
 Natural Sciences (Three years or more)

## ADMISSIONS REQUIREMENTS TO PUBLIC UNIVERSITIES IN ILLINOIS

It is important to emphasize that the graduation requirements 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 both minimal and recommended requirements for admission to all public universities in Illinois:

University Course Requirement	Minimum	Recommended
<b>English</b> – Emphasis on written and oral communications and literature	4.0	4.0
<b>Mathematics</b> – Including geometry, algebra, advanced algebra, trigonometry, or fundamentals of computer programming	3.0	4.0
<b>Science</b> - Emphasis on laboratory sciences	3.0	3.0
<b>Social Studies</b> – Emphasis on history and government	2.5	3.0
<b>Electives</b> – Four semesters in foreign 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

Foreign 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 9<sup>th</sup> grade.

## 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](http://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.

# 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 materials 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 3<sup>rd</sup> quarter.

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

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

## SUBSTITUTING A COURSE

During a designated time period 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 will 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 rescheduled 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 with the administration

# *Additional Credit Options*

## INDEPENDENT SERVICE

Independent service is an opportunity for students to participate in various support positions within the school 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, independent study, and independent service to be applied toward graduation is two credits.** The following guidelines have been established for the approval 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, 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.

## 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 toward graduation. 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, 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

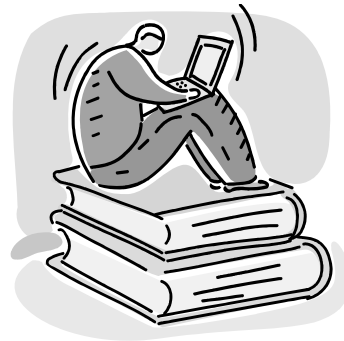
Homebound services are provided when, in the opinion of a licensed medical physician, the student will be absent from school and confined to a hospital or home for more than two weeks. Participation in a homebound program is established through District 303's Special Education Office. Included in this 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 District 303. The program provides students with a chance for hands-on career exploration.



# 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 – GH0121

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 standard level course; in #7 the 4 denotes honors level ; and in #8 the 5 denotes Advanced Placement (AP) level.

#9 – HA0121    #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) standard level – (1) to be scheduled 1<sup>st</sup> semester. Example #10 is the same course to be scheduled 2<sup>nd</sup> semester. If a course number ends in 3, such as #11, it is a course that can be scheduled during the 1<sup>st</sup> or 2<sup>nd</sup> semester – or both semesters.

# 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.

## 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

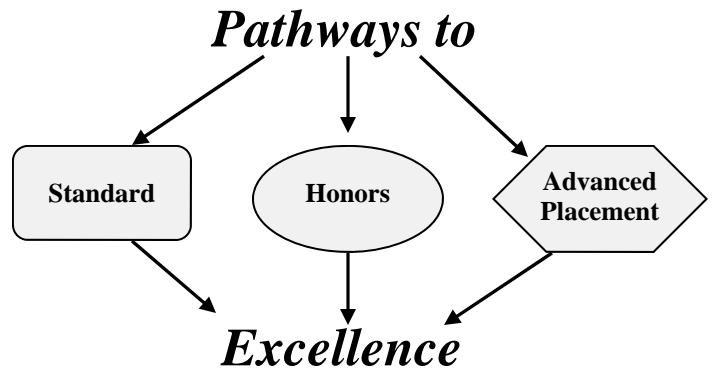
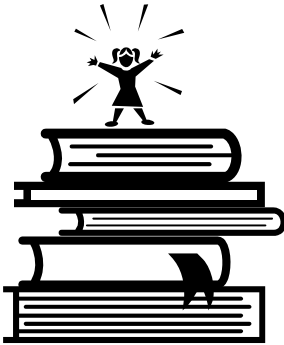
In order for a course to receive “extra weighting,” the course includes at least five of the seven characteristics listed below.

- 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 standard 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.

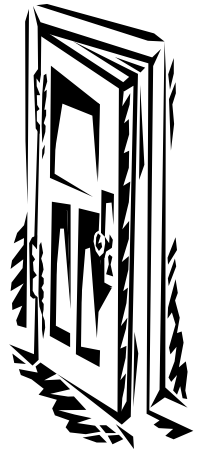


St. Charles High Schools are committed to keeping open every door possible for our students after graduation. More importantly, we are working to ensure that students and parents feel confident our graduates can step through those doors and perform successfully.

Many resources for academic support for students are available. Some of these resources include the following: Literacy Block, Extended Algebra, Reading, Applied Studies, the Math Resource Room, summer bridge programs in English and mathematics, and a wide variety of tutorials. Opportunities for students to move among academic pathways are available.

Most District 303 students will go on to a post-secondary college experience after high school. A significant number of students would like to apply and do well at highly competitive colleges. Our students who choose to go into the workforce, technical certification, or military careers also wish to pursue the higher levels of training and opportunities those avenues offer them.

Therefore, we encourage and offer supports to students to take advantage of the most challenging curriculum at which they can succeed. Please look carefully at what Standard, Honors, and Advanced Placement Pathways offer in each curricular area and choose courses that prepare you to take advantage of post-secondary opportunities.



*There is only one thing worse than being ready and not having opportunity knock at your door...  
...having opportunity knock and not being ready.*



## Standard

St. Charles High Schools actively work to ensure **every** student receives curriculum that provides high quality assignments and assessments over the significant concepts within each content area.

Our teachers collaborate to refine lessons and increase supports so that students in standard classes find higher-level learning experiences to be engaging and achievable. Teachers work to identify key standards within each course and create common assessments that identify when students still need assistance.

We assure students and families that quality teaching and learning are at the foundation of all we do. Critical thinking, reading, and writing are fundamental to every **Standard Pathway** course. Standard courses are designed to ensure all students meet Illinois Learning Standards.

## Honors

The **Honors Pathway** challenges students to extend their learning into content concepts that require more independent investigation and autonomous learning inside and outside of the classroom. As a result, students earning a grade of C or better receive an additional 1.0 point when determining grade point average.

The **Advanced Placement Pathway** can open doors to competitive colleges and universities and to honors programs at other universities. More importantly, completing a successful AP experience can better prepare students for college success. St. Charles High Schools offer a wide variety of Advanced Placement courses.

## Advanced Placement

College admissions offices recognize that an honors curriculum and district-written assessments for honors courses may vary from state to state, and even from district to district. Because the AP curriculum and accompanying exam represent a nationally standardized program, many admissions offices, particularly at competitive colleges, show preference for students who have successfully completed an Advanced Placement curriculum.

### Advanced Placement Continued

While there are many advantages of having Advanced Placement courses on a student's transcript, students are cautioned about enrolling in too many AP courses within any semester:

- Time demands from juggling multiple AP courses should be considered carefully.
- A well-balanced transcript that includes high-level electives which enrich a student's experience are also important in the college admissions process.

AP students can expect to devote considerable time on their own outside of class in preparation for Advanced Placement assignments and assessments. This may include required summer assignments.

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. Students who fail to take the AP exam will have the Advanced Placement designation for that course removed from their transcript.** 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.

### Advanced Placement Exams Benefit Students

District 303 requires students to take the Advanced Placement Exam because of the inherent benefits:

- Students challenge themselves at the highest academic level.
- Students position themselves to be competitively marketable when applying to their first choice universities or colleges.
- Depending on the university policy, a score of 3, 4, or 5 may be awarded college credit. Some students and families elect to apply this credit, allowing them to save money and/or to move into more advanced levels as a freshman in college.

### 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 Computer Science      |
| AP European History                   | AP Macroeconomics        |
| AP French Language                    | AP Environmental Science |
| AP German Language                    | AP Latin                 |
| AP Spanish Language                   | AP Spanish Literature    |
| AP Government                         | AP US History            |
| AP Statistics                         | AP Physics               |
| AP Music Theory                       | AP Psychology            |
| AP English Language and Composition   |                          |
| AP English Literature and Composition |                          |

# Typical Academic Plans for College-Ready Students

## 9<sup>th</sup> Grade Plan

Standard	Honors	Advanced Placement
English I	English I Honors	Students seeking to be successful in AP electives in 10th, 11th & 12th grade should take a strong Honors sequence of courses in preparation for Advanced Placement.
Algebra I	Geometry Honors	
Biology or ICB I	Biology Honors or ICB Honors	
Global Issues	Global Issues Honors	
Elective (i.e., Foreign Language)	Elective (i.e., Foreign Language)	
Elective	Elective	
PE I and Health		
Lunch/Study		

## 10<sup>th</sup> Grade Plan

English II	English II Honors	Electives: AP Computer Science AP European History
Geometry	Algebra II Honors	
Chemistry or ICB II	Chemistry Honors or ICB II Honors	
Elective (i.e., European History)	Elective (i.e., AP European History)	
Elective (i.e., Foreign Language)	Elective (i.e. Foreign Language)	
Elective	Elective	
PE II, Driver Education Option		
Lunch/Study		

## 11<sup>th</sup> Grade Plan

English III or American Studies	English III Honors	AP Course Offerings are available in English, Math, Social Studies, Science, Foreign Language, Psychology, Music, and Art. Please refer to the complete listing of AP courses offered on page 11 of this resource.
Algebra II	Pre-Calculus Honors	
U.S. History or American Studies	U.S. History Honors	
Elective (i.e., Physics)	Elective (i.e., Physics Honors)	
Elective	Honors Elective	
Elective	Honors Elective	
PE III-IV, PE Leaders I or Fitness & Nutrition		
Lunch/Study		

## 12th Grade Requirements

English	1.0 Credit
Government	0.5 Credit
Economics	0.5 Credit
Physical Education	1.0 Credit

Senior students have wonderful opportunities to extend their learning on and off campus through multiple experiences. Learn more about offerings for seniors in each content area and in the off campus offering section of this resource.

**For all four grade levels, it is important for students to work closely with their parents/guardians, counselors, and teachers so that each student is taking advantage of all possible options provided within the course offering book.**

# *Student Records*

## **STUDENT ENROLLMENT**

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's 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.

## **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.

## **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. District 303 high school transcripts provide both weighted and unweighted grade point averages.

When a student transfers to a District 303 high school, previous classes are matched to District 303 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 District 303 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.

# How to Read a Transcript

**A** The student's name, gender, year in school (grade), identification number, and parent/guardian information appear in the upper left-hand box of the transcript.

**B** The student's enter date refers to the date he/she entered District 303.  
The class of date refers to his/her graduation date and, therefore, his/her graduating class.

**C** The box in the upper right-hand corner of the transcript provides school demographic information, including the name of the student's high school counselor.

**D** The body of the transcript lists the student's course work.

- All transcripts list the course work a student has taken during his/her high school career regardless of whether or not he/she earned credit.
- Course work is listed by the course identification number (Crs ID) and the course title. An 'H' before a course name indicates that the student was enrolled in an honors-level course. An 'AP' indicates that the student enrolled in an Advanced Placement course. Additionally, there is a legend of transcript clarifications at the bottom left-side of the transcript.
- Course work is listed by semester. The grade the student earned in each course during each semester is recorded on the transcript. The credit the student earned for each course is indicated under the column labeled 'Credit'.
- At the end of each semester, the number of credits the student attempted (Crd Att), the number of credits completed (Cmp), and the term Weighted GPA are listed.

**E** The box labeled 'Work In Progress' is the list of courses in which the student is enrolled when the transcript is printed.

**F** The Grade Point Average (GPA) Summary reflects the weighted and unweighted GPA resulting from all semesters of the student's course work. The class rank is based on the student's weighted grade point average of all semesters of course work.

**A transcript is a legal document and is protected under the Family Education Rights and Privacy Act. As such, the school must receive a written request, with signatures from the parent and student, before a transcript can be released or sent to a post-secondary institution. Once a student turns 18 years old, only his/her signature is required to release the transcript.**



Student Student, Judy Sue A.		
Social Security Number	Grade 12	Gender F
Birth Place	Date of Birth 09/09/99	
Parent Guardian <b>Dad and Mom</b> 100 Anystreet St. Charles, IL 60174 630-555-1234		

# B

Enter Date: **10/20/06**

Leave Date:

Class of: **2007**

School Name/Address ST CHARLES HIGH SCHOOL School Address St. Charles, IL 60174	
Tel:	Fax:
Counselor:	

# C

# A

Crs ID	Course Title	Grade	Credit	Crs ID	Course Title	Grade	Credit	GPA Summary	
ST CHARLES HS Grd 09 1/2004				ST CHARLES HS Grd 11 1/2006				Weighted GPA: 4.484 Unweighted GPA: 4.161 Class rank is 161 of 523 <h1>F</h1>	
GH0421	GLOBAL ISSUES	B	0.500	GF0221	FRENCH II	C	0.500		
HE0121	ENGLISH I	B	0.500	GH1251 H	US HISTORY AP	B	0.500		
MM2122	ALGEBRA I	B	0.500	HE0321	ENGLISH III	A	0.500		
SS0141 H	BIOLOGY	B	0.500	MM2221	ALGEBRA II	B	0.500		
ST3023	RESIDENT MAINT	A	0.500	SS4241 H	PHYSICS	B	0.500		
WH2023	HEALTH	A	0.500	WH0321 N	PE III-IV COED	A	0.500		
Crd Att: 3.000 Cmp: 3.000 Weighted GPA: 4.500				Crd Att: 3.500 Cmp: 3.500 Weighted GPA: 4.400					
ST CHARLES HS Grd 09 6/2004				ST CHARLES HS Grd 11 6/2006					
GH0422	GLOBAL ISSUES	B	0.500	GF0222	FRENCH II	B	0.500		
HE0122	ENGLISH I	B	0.500	GH1252 H	US HISTORY AP	B	0.500		
HE4022	READING	B	0.500	HE0322	ENGLISH III	A	0.500		
MM2122	ALGEBRA I	A	0.500	MM2222	ALGEBRA II	B	0.500		
SS0142 H	BIOLOGY	B	0.500	SS4242 H	PHYSICS	B	0.500		
WH0123 N	PE I COED	A	0.500	WH0322 N	PE III-IV	A	0.500		
Crd Att: 3.000 Cmp: 3.000 Weighted GPA: 4.400				Crd Att: 3.500 Cmp: 3.500 Weighted GPA: 4.600					
ST CHARLES HS Grd 10 1/2005				Work in Progress					
GF0121	FRENCH I	C	0.500	Crs ID	CN Course Title		Credit		
GH1151 H	EUROPEAN HIST AP	B	0.500	GH2023	US GOVT		0.500		
HE0221	ENGLISH II	A	0.500	HE2123	CPC		0.500		
MM3121	GEOMETRY	B	0.500	MM5021	PRE-CALCULUS		0.500		
SS2041 H	CHEMISTRY	B	0.500	SS5021	RES		0.500		
ST 4121	WOODS I	P	0.500	WH0321 N	PE III-IV COED		0.500		
WH0221 N	PE II COED	A	0.500	GF0321	FRENCH III		0.500		
Crd Att: 3.500 Cmp: 3.500 Weighted GPA: 4.400				Credit Summary - High School					
ST CHARLES HS Grd 10 6/2005				Subject Area	Req	Cmp	Def		
GF0122	FRENCH I	C	0.500	ECN Economics	0.50	0.00	0.50		
GH1152 H	EUROPEAN HIST AP	A	0.500	ELE Electives	8.00	8.00			
HE0222	ENGLISH II	A	0.500	ENG English	4.00	3.00	1.00		
MM3122	GEOMETRY	B	0.500	GI Global Issues	0.00	0.00			
SS2042 H	CHEMISTRY	B	0.500	GOV Government	0.50	0.00	0.50		
ST4122	WOODS I	P	0.500	HE Health	0.50	0.50			
WH3022 N	DRIVERS ED	B	0.500	MAT Mathematics	2.00	2.00			
Crd Att: 3.500 Cmp: 3.500 Weighted GPA: 4.600				NON No Credit Available		0.00			
<h1>D</h1>				PE Physical Education	3.50	2.50	1.00		
				SCI Science	2.00	2.00			
				SS Social Studies	2.00	2.00			
				—— Total Credits ——	23.00	20.00	3.00		

H = Honors N = Non-Academic R in credit = no credit, no GPA - course repeated

ST CHARLES HIGH SCHOOL : CEEB code

Comments:  Fictitious student for transcript review purposes.
---

Transcript is unofficial unless signed by the school Registrar.

Official Signature & School Seal (Required) \_\_\_\_\_ Date: 10/25/06

# 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 (i.e., 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 juniors have made toward meeting the Illinois Learning Standards in reading, mathematics, and science. The PSAE results appear on student transcripts and are a part of each student's permanent school record. **The State of Illinois requires all juniors to take the PSAE as a condition of receiving a regular high school diploma.**

Day one of the PSAE is a state administered ACT assessment. The ACT assessment consists of achievement tests in English, mathematics, reading, science, and writing. 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 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 students' transcripts and bring special recognition.

## 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.

### 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.

## COLLEGE ENTRANCE TESTS

### 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

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

Both the SAT: Reasoning Test and SAT: Subject Tests are offered multiple times throughout the year at various testing sites listed in the registration booklet. Students registering for the SAT: Reasoning Test and SAT: Subject Tests 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: Reasoning 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. The ACT is also included in day one of the state administered Prairie State Achievement Examination.

## ADVANCED PLACEMENT TESTS

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. Students who fail to take the AP exam will have the Advanced Placement designation for that course removed from their transcript.** 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. 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. While these three-hour or more 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 score. 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](http://www.collegeboard.com/parents)

## **MAKE YOUR SENIOR YEAR COUNT!**

Seniors have worked hard for years, taking tests, completing projects, and preparing for college admission. Some students tend to approach their senior year by limiting their focus to the college application process, rather than pursuing additional opportunities for academic growth and achievement.



Also known as senioritis, the lack of academic focus can jeopardize your chances for success in college. This can also affect grades - and college admissions officers pay close attention to your senior year performance.

According to the College Board, incomplete high school preparation can contribute to academic problems in college.

- “As many as half of all college students do not have adequate academic preparation, and are required to take remedial courses.”
- “More than one quarter of the freshmen at 4-year colleges and nearly half of those at 2-year colleges do not even make it to their sophomore year.”

### **Senior-Year Grades and College Admission**

Many students mistakenly believe that preparing for college ends after the eleventh grade. However, the senior year—the entire senior year—is actually of particular interest to colleges.

#### **Applying**

Many college applications (including the Common Application) require you to list your senior courses, including information about course levels and credit hours. It will be very obvious to the admissions officers if you have decided to “take the year off.”

Many colleges also include, as part of the application, a form called the mid-year grade report. Your counselor completes this form with the first semester grades and sends it to the colleges to which you have applied. It then becomes a crucial part of the application folder.

#### **Accepted**

Many college acceptance letters include warnings to students such as “Your admission is contingent upon your continued successful performance.” This means colleges reserve the right to deny you admission should your senior year grades drop.

## **Make the Most of Your Senior Year**

Senior year is your opportunity to strengthen your skills and broaden your experiences and to prepare for all of the challenges ahead. A successful senior year will help launch you on the path to a successful future.

### **Maintain a Challenging Course Load**

You should take the most rigorous courses available. As appropriate, consider AP courses, which can also earn you credit at many colleges.

### **Stay Active and Involved**

Your continued involvement in activities, sports, volunteer work, etc., will help you stay active and focused throughout your final year. A great internship or career-focused job opportunity can help motivate you to start considering your career options. Meaningful and significant experiences will help prepare you to make informed decisions about your education and career goals.

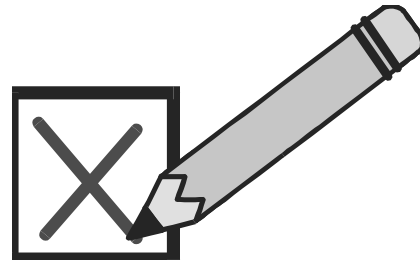
### **Experience College Early**

If you are interested in pursuing a subject further, and have excelled at your high school classes so far, consider taking a class at a local college. This challenge can help you avoid sliding into an academic slump, and stimulate your interest in the possibilities of college.

[www.collegeboard.org](http://www.collegeboard.org)



# Student and Parent/Guardian Responsibilities



IN GRADES	THE STUDENT SHOULD...	THE PARENT/GUARDIAN SHOULD...
<p><b>7 and 8</b></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Develop good study habits.</li> <li><input type="checkbox"/> Establish good basic skills in reading, math, science and writing.</li> <li><input type="checkbox"/> Get involved in school and community activities.</li> <li><input type="checkbox"/> Start exploring careers and talking with your parents about goals.</li> <li><input type="checkbox"/> Make contact with your school counselor in order to plan your high school program to meet your goals.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Continue your savings plan.</li> <li><input type="checkbox"/> Visit local colleges whenever possible and find out about recommended preparation and financial aid programs.</li> <li><input type="checkbox"/> Get to know your child's teachers.</li> <li><input type="checkbox"/> Visit with your child's school counselor.</li> <li><input type="checkbox"/> Inquire about Permanent Resident status if your child is not a U.S. citizen.</li> <li><input type="checkbox"/> Verify Course Registration.</li> </ul>
<p><b>9 and 10</b></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Try taking a challenging course related to your goals.</li> <li><input type="checkbox"/> Become active in academic, extra-curricular, and/or community activities.</li> <li><input type="checkbox"/> Learn about school services that can help you with academic and personal problems.</li> <li><input type="checkbox"/> Learn about the types of colleges available.</li> <li><input type="checkbox"/> Talk with your parents, teachers, and school counselor about your interests and hopes.</li> <li><input type="checkbox"/> Learn about money. Start saving from part-time and summer jobs.</li> <li><input type="checkbox"/> Keep exploring career options.</li> <li><input type="checkbox"/> Talk with college students and people in the workforce.</li> <li><input type="checkbox"/> Write or call for college catalogs and brochures.</li> <li><input type="checkbox"/> Visit college campuses.</li> <li><input type="checkbox"/> Check to make sure the classes you are taking help you achieve your goals.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Continue your savings plan.</li> <li><input type="checkbox"/> Provide some guidelines on studying at home and/or encourage your child to take advantage of study help options at school.</li> <li><input type="checkbox"/> Attend parent meetings and/or meet your child's teachers and counselor.</li> <li><input type="checkbox"/> Encourage your child to attend college entrance exam prep classes and after school tutoring sessions.</li> <li><input type="checkbox"/> Visit colleges with your child.</li> <li><input type="checkbox"/> Look carefully through the high school course offerings to make sure your child is aware of all the classes available that might help achieve his/her goals.</li> <li><input type="checkbox"/> Inquire about Permanent Resident status if your child is not a U.S. citizen.</li> <li><input type="checkbox"/> Verify course Registration.</li> </ul>

# Student and Parent/Guardian Responsibilities

IN GRADE	THE STUDENT SHOULD...	THE PARENT/GUARDIAN SHOULD...
11	<ul style="list-style-type: none"> <li><input type="checkbox"/> Keep your grades up. Get help if you need it.</li> <li><input type="checkbox"/> Continue to take college prep courses.</li> <li><input type="checkbox"/> Keep active in a school or community activity.</li> <li><input type="checkbox"/> Apply to take the general college entrance exams.</li> <li><input type="checkbox"/> Investigate colleges regarding your interests, courses, support programs, and financial aid.</li> <li><input type="checkbox"/> Start narrowing down the number of schools you are seriously considering. Visit them if possible.</li> <li><input type="checkbox"/> Continue to explore career interests and discuss them with your parents, teachers, and school counselor.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Continue your savings plan.</li> <li><input type="checkbox"/> Visit colleges with your child and speak with financial aid and admissions officers.</li> <li><input type="checkbox"/> Attend parent activities sponsored by your child's school.</li> <li><input type="checkbox"/> Attend parent activities sponsored by local colleges.</li> <li><input type="checkbox"/> Encourage your child to attend college entrance exam preparation classes and after-school tutoring sessions.</li> <li><input type="checkbox"/> Help your child set up a job-shadowing experience through the high school.</li> <li><input type="checkbox"/> Help your child gather realistic career information about the areas he/she is interested in.</li> <li><input type="checkbox"/> Inquire about Permanent Resident status if your child is not a U.S. citizen.</li> <li><input type="checkbox"/> Verify course registration.</li> </ul>
12	<ul style="list-style-type: none"> <li><input type="checkbox"/> Make a final choice of three to five post-secondary options that meet your needs and interests.</li> <li><input type="checkbox"/> Visit your top school choices and talk with admissions, financial aid and placement officers.</li> <li><input type="checkbox"/> Apply to colleges on time.</li> <li><input type="checkbox"/> Complete the FAFSA and apply for all financial aid and scholarship opportunities.</li> <li><input type="checkbox"/> Continue your savings plan.</li> <li><input type="checkbox"/> Do NOT take it easy your senior year. Take challenging courses that help you reach your goal.</li> <li><input type="checkbox"/> Continue to participate in school and community activities.</li> <li><input type="checkbox"/> Talk with your counselor and parents about your graduation plan and after graduation goals.</li> <li><input type="checkbox"/> Select your "next step."</li> <li><input type="checkbox"/> Graduate!</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Continue your savings plan.</li> <li><input type="checkbox"/> Visit colleges with your child and obtain applications for admission and financial aid.</li> <li><input type="checkbox"/> Attend financial aid workshops sponsored by your high school or local colleges.</li> <li><input type="checkbox"/> Complete the FAFSA and seek financial aid and scholarship assistance.</li> <li><input type="checkbox"/> Review any financial aid packages offered by colleges, talk with the schools, and understand the schools' responsibilities and your own.</li> <li><input type="checkbox"/> Stay in touch with your child's teachers and counselor.</li> <li><input type="checkbox"/> Encourage your child to attend college entrance exam prep classes and after school tutoring sessions.</li> <li><input type="checkbox"/> Encourage your child to continue to take a strong academic schedule.</li> <li><input type="checkbox"/> Verify course registration.</li> </ul>

## Students, We've Got Answers to Your Frequently Asked Questions.

- **How should I use the *Course Offering Book and Planning Guide*?**

*The Course Offering Book and Planning Guide* can be used to support your academic decision making. Please use this publication when you consider your Four-Year Academic Plan and make course selections each year. You can also use this publication as a reference when you seek information about academic processes and procedures.

- **Many of the processes explained in *The Course Offering Book and Planning Guide* require me to complete a form. Where do I find the forms?**

You can request forms through the Student Services Office. Just ask your counselor or a member of the Student Services support staff for help.

- **I know that standardized testing is an important part of preparing for what I want to do after high school. How do I find out about standardized tests and where do I sign up for them?**

Come to the Student Services Office and your counselor will help you. ACT, SAT, and PSAT packets and student information are available in the Student Services Office. Your counselor can help you make decisions about these tests.

*The Course Offering Book and Planning Guide* includes general explanations of the standardized tests that are available to you. Also, there are websites that provide a great deal of information as well as test-taking tips and practice test items. To learn more about PLAN, consult [www.planstudent.org](http://www.planstudent.org). To learn more about the SAT, consult [www.collegeboard.com](http://www.collegeboard.com). You can find information about ACT at [www.actstudent.org](http://www.actstudent.org).

- **How do I get information about summer school?**

Summer school information becomes available during the second semester. Look and listen for summer school announcements. Summer school information will be available in the Student Services Office. Questions about summer school should be directed there.

- **Several forms have asked for my school code. What is my school code?**

St. Charles East High School's school code is 143-795. St. Charles North High School's school code is 143-796.

- **I see the FAFSA form mentioned a couple of times when I look at college planning materials. What is the FAFSA?**

The Federal Student Aid worksheet explains it this way, "You must complete the Free Application for Federal Student Aid (FAFSA) to apply for federal student financial aid and to apply for most state and college aid." If you are a senior, it is best that you complete this requirement early, but not before January 1. The FAFSA process cannot be completed until you file your income tax returns, although you can begin the process before you have filed your income taxes. You can complete a paper application or file online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

- **I am an athlete and hope to participate at the collegiate level in a Division I or Division II college/university. What are the NCAA requirements?**

It is essential that student-athletes use the NCAA website to monitor individual progress toward meeting the NCAA Clearinghouse requirements for eligibility. It is the student's responsibility to comply with core course and eligibility requirements in order to participate in Division I or Division II collegiate athletics. Visit the website at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

- **How can I find out my class rank?**

Your class rank is based on your weighted grade point average. Class rank is updated periodically. Ask your counselor or the registrar for your class rank.

- **What should I do if I am struggling in any of my classes?**

Start by seeing your classroom teacher. As a student, it is your right and responsibility to initiate a conversation with your teacher to develop a plan to learn all necessary concepts and/or complete any outstanding assignments or projects. Open communication between student and teacher is essential when there is any lack of understanding of academic concepts. If you need help with contacting your teacher, your counselor can help facilitate that for you.

- **How do I arrange to see my counselor?**

Please come to the Student Services Office; one of the support staff can help you with arranging an appointment.

- **Are counselors available in the summer?**

Counselors are available on a rotating basis during the summer. Each high school communicates its service hours at the beginning of the summer.

- **What if I need to change my schedule for next year?**

After the last day of third quarter, which is the deadline date for changes to the Course Verification Form, counselors do not make schedule changes. Course Substitution Days prior to the opening of school will be your opportunity to make changes to your course selections, see page 6.

- **Remind me, what is a Course Verification Form?**

After registering for your classes in February, we will mail a list of the courses you have chosen. You and your parents MUST review this list carefully. The list represents the courses you have chosen and will be enrolled in the next school year. If you want to change any of the courses on the list, you must notify your counselor before the deadline, which is the last day of the third quarter.

- **Who should I see to get my automobile insurance form signed?**

The Registrar signs car insurance forms.

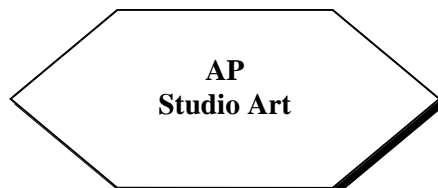
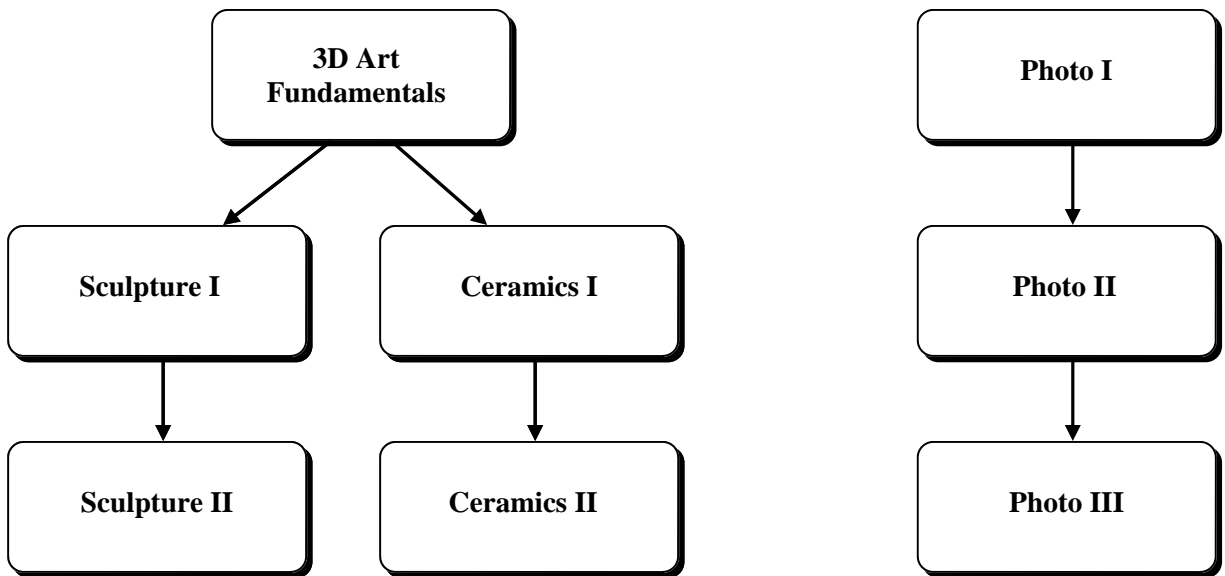
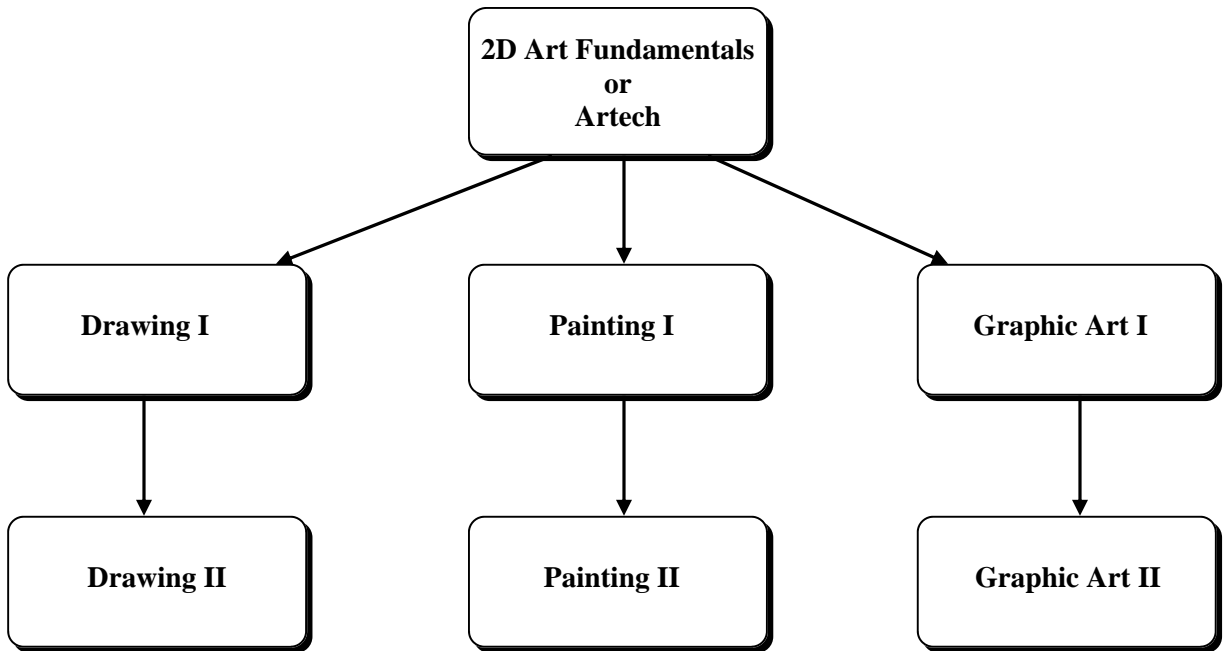
- **How do I get a work permit?**

If you are under 16 and have a job lined up, you need a work permit. The work permit is for the employer and its purpose is to demonstrate they are not violating the child labor laws. Work permits are available in the Main Office.

- **Remind me, if I have a doctor or dentist appointment during the school day, what should I do?**

Your parent/guardian needs to either call the attendance office or provide a note. Either way, the Attendance Office will need to know (generally) why and when you will be leaving the building. You **must** sign out in the Attendance Office when you leave the building. When you sign out, you will be given a pass to leave. When you return to the building, you **must** go back to the Attendance Office and sign in.

# Art





## ART COURSE LIST

### *All Elective Courses*

SUBJECT	GRADES	PREREQUISITES
Artech	9, 10, 11, 12	None
2D Art Fundamentals	9, 10, 11, 12	None
3D Art Fundamentals	9, 10, 11, 12	None
Ceramics I	9, 10, 11, 12	Completion of 3D Art Fundamentals with a grade of "C" or higher recommended
Ceramics II	10, 11, 12	Completion of Ceramics I with a grade of "C" or higher recommended
Drawing I	9, 10, 11, 12	Completion of 2D Art Fundamentals or Artech with a grade of "C" or higher recommended
Drawing II	10, 11, 12	Completion of Drawing I with a grade of "C" or higher recommended
Graphic Art I	9, 10, 11, 12	Completion of 2D Art Fundamentals or Artech, with a grade of "C" or higher is recommended
Graphic Art II	10, 11, 12	Completion of Graphic Art I with a grade of "C" or higher recommended
Painting I	9, 10, 11, 12	Completion of 2D Art Fundamentals or Artech with a grade of "C" or higher recommended
Painting II	10, 11, 12	Completion of Painting I with a grade of "C" or higher is recommended
Photography I	10, 11, 12	None
Photography II	10, 11, 12	Completion of Photo I with a grade of "C" or higher recommended
Photography III	11, 12	Completion of Photo II with a grade of "C" or higher recommended
Sculpture I	9, 10, 11, 12	Completion of 3D Art Fundamentals with a grade of "C" or higher is recommended
Sculpture II	10, 11, 12	Completion of Sculpture I with a grade of "C" or higher is recommended
AP Studio Art	11, 12	See Course Description

## ART COURSE DESCRIPTIONS

ARTECH		HA0121, HA0122	2D ART FUNDAMENTALS		HA0223
<b>Length/Credit:</b>	1 year / 1.0 credit		<b>Length/Credit:</b>	1 semester / 0.5 credit	
<b>Grade(s):</b>	9, 10, 11, 12		<b>Grade(s):</b>	9, 10, 11, 12	
<b>Prerequisite:</b>	None		<b>Prerequisite:</b>	None	
<b>Fees:</b>	Yes		<b>Fees:</b>	Yes	
<b>Other Info:</b>	See Materials Lists for supplies.		<b>Other Info:</b>	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 graphic art.

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 graphic art.

## Art

### 3D ART FUNDAMENTALS

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

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

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

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 are 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

HA3223

**Length/Credit:** 1 semester / 0.5 credit  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Completion of Drawing I with a grade of "C" or higher 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

HA2123

**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.

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**

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**

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 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**

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 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**

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**

HA5223

**Length/Credit:** 1 semester / 0.5 credit  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Completion of Photography I with a grade of "C" or higher 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 both a traditional portfolio and a digital portfolio.

**PHOTOGRAPHY III**

HA5323

**Length/Credit:** 1 semester / 0.5 credit  
**Grade(s):** 11, 12  
**Prerequisite:** Completion of Photography II with a grade of "C" or higher 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**

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 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.

# Art

## SCULPTURE II

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.

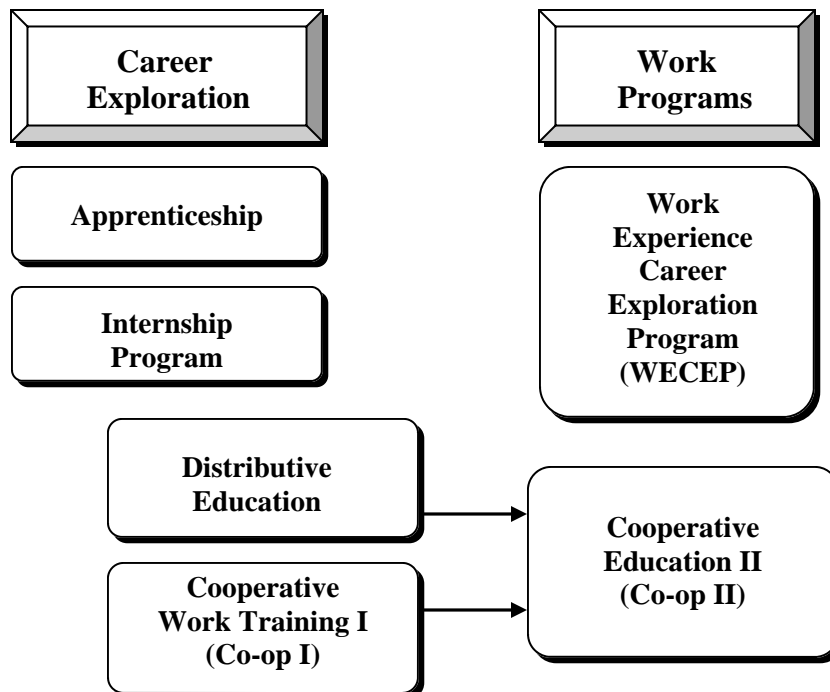
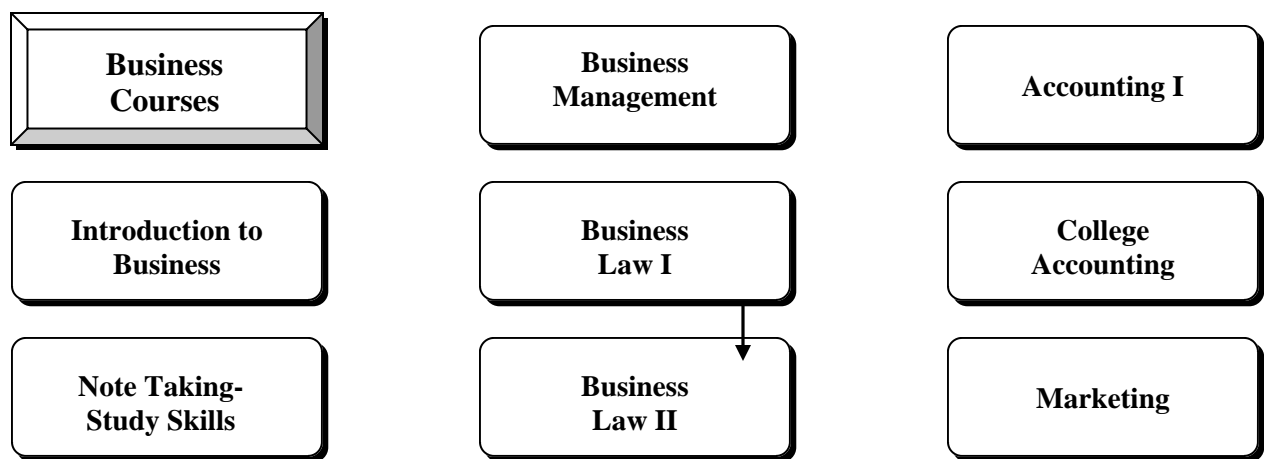
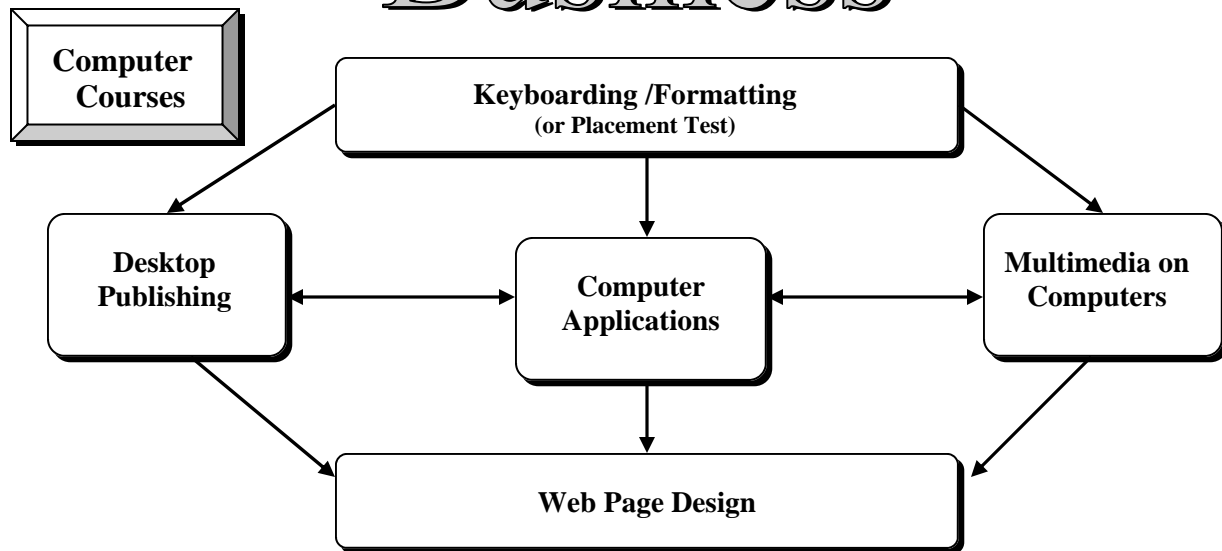
## AP STUDIO ART

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.  
AP Exam is required.

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 Program guidelines. Students are encouraged to develop their own style and themes while exploring sophisticated drawing and design concepts and techniques.

# Business



## Business

### BUSINESS COURSE LIST

*Graduation Requirement of .5 credit Consumer Education/Economics can be met by courses with \* on this list and courses listed on page 33.*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
*Cooperative Work Training I	11,12	None
*Distributive Education	11, 12	Cumulative GPA 3.5 recommended
ELECTIVES		
Accounting	9, 10, 11, 12	“C” academic average is recommended
Apprenticeship	11, 12	Approval of application
Business Law I	10, 11, 12	None
Business Law II	10, 11, 12	Business Law I
Business Management	10, 11, 12	None
College Accounting	10, 11, 12	“B” academic average is recommended
Computer Applications	9, 10, 11, 12	Passing grade in Keyboarding or passing the Keyboarding Placement Test
Cooperative Education II	12	Cooperative Work Training I or Distributive Education
Desktop Publishing	9, 10, 11,12	Passing grade in Keyboarding or passing the Keyboarding Placement Test
Internship Program	11, 12	Approval of application
Introduction to Business	9, 10	None
Keyboarding/Formatting	9, 10, 11, 12	None
Marketing	10, 11, 12	None
Multimedia on Computers	9, 10, 11, 12	Passing grade in Keyboarding or passing the Keyboarding Placement Test
Notetaking/Study Skills	9, 10	None
Web Page Design	10, 11,12	Computer Applications or Multimedia or Desktop Publishing
Work Experience Career Exploration Program	9, 10	Approval of Coordinator

### BUSINESS COURSE DESCRIPTIONS

#### ACCOUNTING

MB0121, MB0122

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** “C” academic average is recommended  
**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.

#### APPRENTICESHIP

IA1003, IA2003

**Length/Credit:** 3 or more semesters /Up to 1 credit per semester  
**Grade(s):** 11, 12  
**Prerequisite:** Approval of Application  
**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 businesses demonstrate a need for a student to be placed in a career-training program.

**BUSINESS LAW I** MB1123

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

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 is constantly being revised to meet new societal needs.

**BUSINESS LAW II** MB1223

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

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** MB1323

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

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** MB0341, MB0342

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** "B" academic average is recommended  
**Fee:** Yes  
**Other Info:** Students may acquire 4 semester hours of college credit through Elgin Community College. (see page 80)

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** MB3123

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Passing grade in Keyboarding or passing the Keyboarding Placement Test  
**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** MB5521, MB5522  
MB5621, MB5622

**Length/Credit:** 1 year /  
1.0 class, 1.0 On-The-Job Training  
**Grade:** 12  
**Prerequisite:** Cooperative Work Training I or Distributive Education  
**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, MB5622).

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**  
MB5321, MB5322  
MB5421, MB5422

**Length/Credit:** 1 year /  
1.0 class, 1.0 On-the-Job Training  
**Grade(s):** 11, 12  
**Prerequisite:** None  
**Fee:** Yes  
**Other Info:** Students must enroll in both the classroom (MB5321, MB5322) and on-the-job training (MB5421, MB5422) 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.

## Business

### **DISTRIBUTIVE EDUCATION** MB5721, MB5722 MB5821, MB5822

**Length/Credit:** 1 year /  
1.0 class, 1.0 On-The-Job Training  
**Grade(s):** 11, 12  
**Prerequisite:** Cumulative GPA 3.5 recommended  
**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 Consumer Education requirement is satisfied through this class when the student successfully completes both semesters of the classroom portion of Distributive Education.

### **DESKTOP PUBLISHING** MB3223

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Passing grade in Keyboarding or passing the  
Keyboarding Placement Test  
**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 newsletters, business cards, flyers, resumes, invitations, and brochures.

### **INTERNSHIP PROGRAM** MB5021, MB5022

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

The Internship program is a partnership between 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** MB1023

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

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** MB3023

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** Yes  
**Other Info:** This course is 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** MB1423

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

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** MB3323

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Passing grade in Keyboarding or passing the  
Keyboarding Placement Test  
**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** MB4023

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

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.



**WEB PAGE DESIGN**

MB3523

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

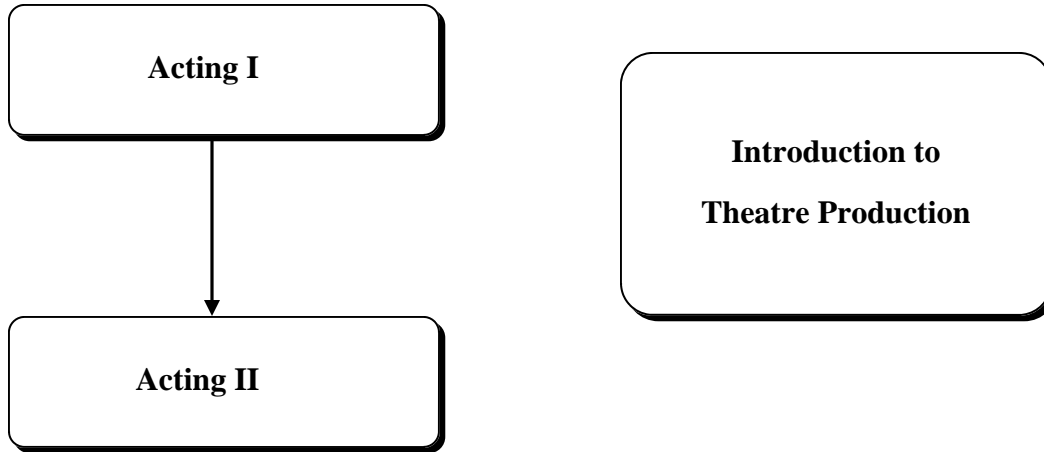
MB5121, MB5122  
 MB5221, MB5222

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

WECEP is a specialized cooperative education program for students 14-15 years of age. This program 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.

# Drama

*All Elective Courses*



<b>ACTING I</b>	HD0123
<b>Length/Credit:</b>	1 semester/ 0.5 credit
<b>Grade(s):</b>	9, 10, 11, 12
<b>Prerequisite:</b>	None
Students develop basic acting techniques through a series of performance assessments which can include pantomime, improvisations, monologues, and scene work.	
<b>ACTING II</b>	HD0223
<b>Length/Credit:</b>	1 semester/ 0.5 credit
<b>Grade(s):</b>	9, 10, 11, 12
<b>Prerequisite:</b>	A grade of "C" or better in Acting I is recommended.
Students develop stronger acting techniques and advanced character development through a series of classical and contemporary performance assessments.	
<b>INTRODUCTION TO THEATER PRODUCTION</b>	HD0323
<b>Length/Credit:</b>	1 semester/ 0.5 credit
<b>Grade(s):</b>	10, 11, 12
<b>Prerequisite:</b>	None
<b>Fee:</b>	Yes
Students will produce, design, direct, and perform their own theatrical production of a scene through the study of technical theatre and direction.	

# Economics

**Economics  
or  
American Agenda**

**Economics Honors  
or  
American Agenda**

**AP Macroeconomics**

*The following courses all fulfill the .5 Economics/Consumer Education Graduation Requirement.  
See page 5 for more information.*

## **ECONOMICS L1**

MB2013

**Length/Credit:** 1 semester / 0.5  
**Grade:** 12  
**Prerequisite:** None

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 STANDARD**

MB2023

**Length/Credit:** 1 semester / 0.5  
**Grade:** 12  
**Prerequisite:** None

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**

MB2043

**Length/Credit:** 1 semester / 0.5  
**Grade:** 12  
**Prerequisite:** None

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 assignment 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.

## **AMERICAN AGENDA**

GH2123, MB2123

**Length/Credit:** 1 semester / 1.0  
**Grade:** 12  
**Prerequisite:** None  
**Other Info:** This is a team-taught two period course. This course fulfills the graduation requirement for economics and government.

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 AGENDA HONORS**

GH2143, MB2143

**Length/Credit:** 1 semester / 1.0  
**Grade:** 12  
**Prerequisite:** None  
**Other Info:** This is a team-taught two period course. This course fulfills the graduation requirement for economics and government.

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.

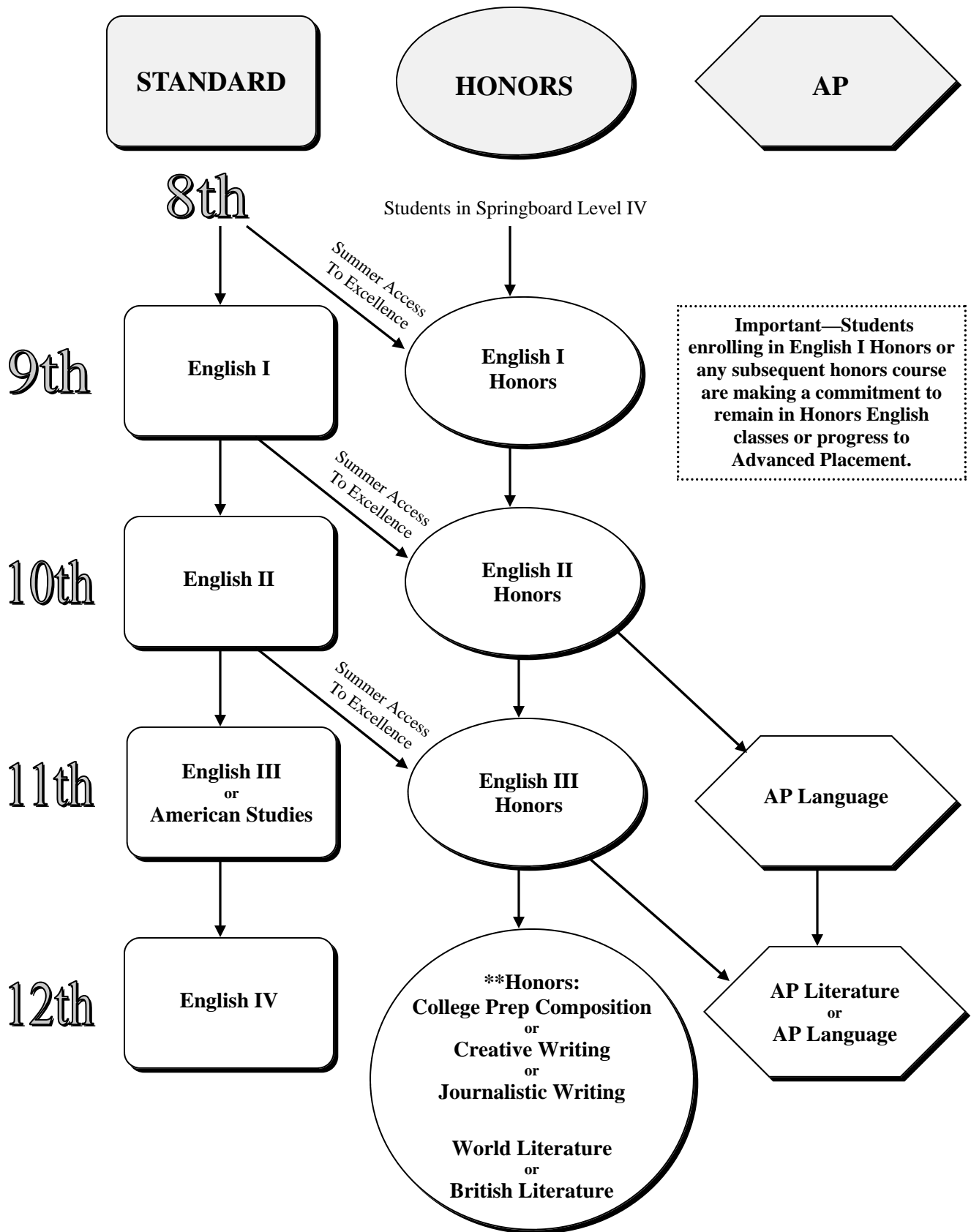
## **AP MACROECONOMICS**

GH2253

**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.

# English



**Important—Students enrolling in English I Honors or any subsequent honors course are making a commitment to remain in Honors English classes or progress to Advanced Placement.**

**\*\*Students must select one Honors Writing Course and one Honors Literature Course**

**ENGLISH COURSE LIST**  
*English Graduation Requirement: 4 Credits*

<b><u>Subject</u></b>	<b><u>Grades</u></b>	<b><u>Prerequisites</u></b>
English I	9	None
English I Honors	9	Successful completion of the middle school Academically Talented program or the summer Access to Excellence Course
English II	10	English I
English II Honors	10	English I Honors or completion of Access to Excellence Course
English III	11	English I & English II
English III Honors	11	English II Honors or completion of Access to Excellence Course
American Studies Standard	11	Successful completion of English I & II
English IV	12	English I, II & III
AP English Language and Composition	11, 12	Successful completion of the 3rd year of English
AP English Literature and Composition	12	Successful completion of the 3rd year of English
College Preparatory Composition Honors	12	Successful completion of the 3rd year of English
Creative Writing Honors	12	Successful completion of the 3rd year of English
Journalistic Writing Honors	12	Successful completion of the 3rd year of English
British Literature Honors	12	Successful completion of the 3rd year of English
World Literature Honors	12	Successful completion of the 3rd year of English
<b>ELECTIVES</b>		
Applied Communications Standard	11, 12	Successful completion of English I & II
College Preparatory Composition Standard	11, 12	Successful completion of English I & II
Creative Writing Standard	11, 12	Successful completion of English I & II
Journalistic Writing Standard	11, 12	Successful completion of English I & II
Debate Standard	9, 10, 11, 12	None
Literacy Block I	9	Must be taken concurrently with English I Placement determined by achievement data
Literacy Block II	10	Must be taken concurrently with English II Placement determined by achievement data
Reading	9, 10, 11, 12	None
Speech Standard	10, 11, 12	Successful completion of English I
Speech Honors	10, 11, 12	Successful completion of English I

## ENGLISH COURSE DESCRIPTIONS

**AMERICAN STUDIES**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

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**

HE2023

**Length/Credit:** 1 semester/0.5  
**Grade(s):** 11, 12  
**Prerequisite:** Successful completion of English I, II

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 HONORS**

HE1143

**Length/Credit:** 1 semester/0.5  
**Grade(s):** 11, 12  
**Prerequisite:** Successful completion of English I, II, III  
**Other Info:** A major research project is required.

British Literature Honors is the advanced and in-depth study of the great works of England, Ireland and Scotland. Using both chronological and thematic approaches, students read, analyze, and synthesize major literary pieces, and identify and understand literary styles and key movements amongst the schools of British thought. Students will complete independent research and analysis of relevant literary criticism.

**COLLEGE PREPARATORY COMPOSITION**

HE2123

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 11, 12  
**Prerequisite:** Successful completion of English I, II

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**

HE2143

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 11, 12  
**Prerequisite:** Successful completion of English I, II, III

College Preparatory Composition Honors is designed to prepare seniors for the demands of college writing. The class focuses on two major purposes: informing and persuading the reader. Students will utilize all facets of the writing process, develop editing strategies, identify and master rhetorical structures and writing skills, and refine research skills. A major research paper is required.

**CREATIVE WRITING**

HE2223

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 11, 12  
**Prerequisite:** Successful completion of English I, II

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

**CREATIVE WRITING HONORS**

HE2243

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 11, 12  
**Prerequisite:** Successful completion of English I, II

Creative Writing Honors is a performance-based, advanced study of approaches to the written word. Students study and practice the processes through which professional writers create stylish, thoughtful works of fiction, non-fiction, and poetry. Students will develop a variety of writing techniques, analyze professional creative writing, refine their use of the writing process, and produce a variety of original written work.

**DEBATE**

HE3123

**Length/Credit:** 1 semester / 0.5 elective  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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 situations, 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** 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** 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  
**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 differences 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** 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** 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** 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.

**ENGLISH III HONORS** HE0341, HE0342

**Length/Credit:** Year / 1.0  
**Grade:** 11  
**Prerequisite:** Successful completion of English II Honors or the summer Access to Excellence course  
**Fee:** Yes

This 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 English Language and Composition or the AP English Literature and Composition course.

**ENGLISH IV** HE0421, HE0422

**Length/Credit:** Year / 1.0  
**Grade:** 12  
**Prerequisite:** Successful completion of English I ,II, & III  
**Fee:** Yes

Students hone their reading, writing, and research skills through the reading of complex literature and the understanding of complex writing and research assignments. This course uses Springboard IV.

## English

### AP ENGLISH LANGUAGE AND COMPOSITION

HE1551, HE1552

<b>Length/Credit:</b>	Year / 1.0
<b>Grade(s):</b>	11, 12
<b>Prerequisite:</b>	Successful completion of the 3rd year of English
<b>Fee:</b>	Yes
<b>Other Info:</b>	Extensive outside reading is required. AP Exam 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.

### AP ENGLISH LITERATURE AND COMPOSITION

HE2551, HE2552

<b>Length/Credit:</b>	Year / 1.0
<b>Grade:</b>	12
<b>Prerequisite:</b>	Successful completion of the 3rd year of English
<b>Fee:</b>	Yes
<b>Other Info:</b>	Extensive outside reading is required. AP Exam 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

HE2323

<b>Length/Credit:</b>	1 semester / 0.5 elective
<b>Grade(s):</b>	11, 12
<b>Prerequisite:</b>	Successful completion of English I
<b>Other Info:</b>	All articles written for class are considered for publication in the X-Ray or Stargazer.

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.

### JOURNALISTIC WRITING HONORS

HE2343

<b>Length/Credit:</b>	1 semester / 0.5 elective
<b>Grade(s):</b>	11, 12
<b>Prerequisite:</b>	Successful completion of English I, II
<b>Other Info:</b>	All articles written for class are considered for publication in the X-Ray or Stargazer.

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. Students will complete independent research, and work toward written composition of publication quality.

### LITERACY BLOCK I

HE4121, HE4122

<b>Length/Credit:</b>	1 year / 1.0 elective
<b>Grade:</b>	9
<b>Prerequisite:</b>	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

HE4221, HE4222

<b>Length/Credit:</b>	1 year / 1.0 elective
<b>Grade:</b>	10
<b>Prerequisite:</b>	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

HE4021, HE4022

<b>Length/Credit</b>	1 semester / 0.5 elective
<b>Grade(s):</b>	9, 10, 11, 12
<b>Prerequisite:</b>	None
<b>Other Info:</b>	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

HE3023

<b>Length/Credit:</b>	1 semester / 0.5 elective
<b>Grade(s):</b>	10, 11, 12
<b>Prerequisite:</b>	Successful completion of English I

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 HONORS**

HE3043

**Length/Credit:** 1 semester / 0.5 elective  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Successful completion of English I

Speech Honors 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. Students will analyze theories of communication and are required to perform one speech outside of class.

**WORLD LITERATURE HONORS**

HE1343

**Length/Credit:** 1 Semester/ 0.5  
**Grade:** 11, 12  
**Prerequisite:** Successful completion of English I, II  
**Other Info:** A semester research project is required.

World Literature Honors is an advanced and in-depth study of selected literary works representing a variety of genres, world cultures, and historical periods. Students read, analyze and synthesize complex works, focusing on thematic connections, universal concepts, and archetypal and critical perspectives. Students will work independently to complete extensive outside reading and research.

# English Language Learners

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

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

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

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

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.

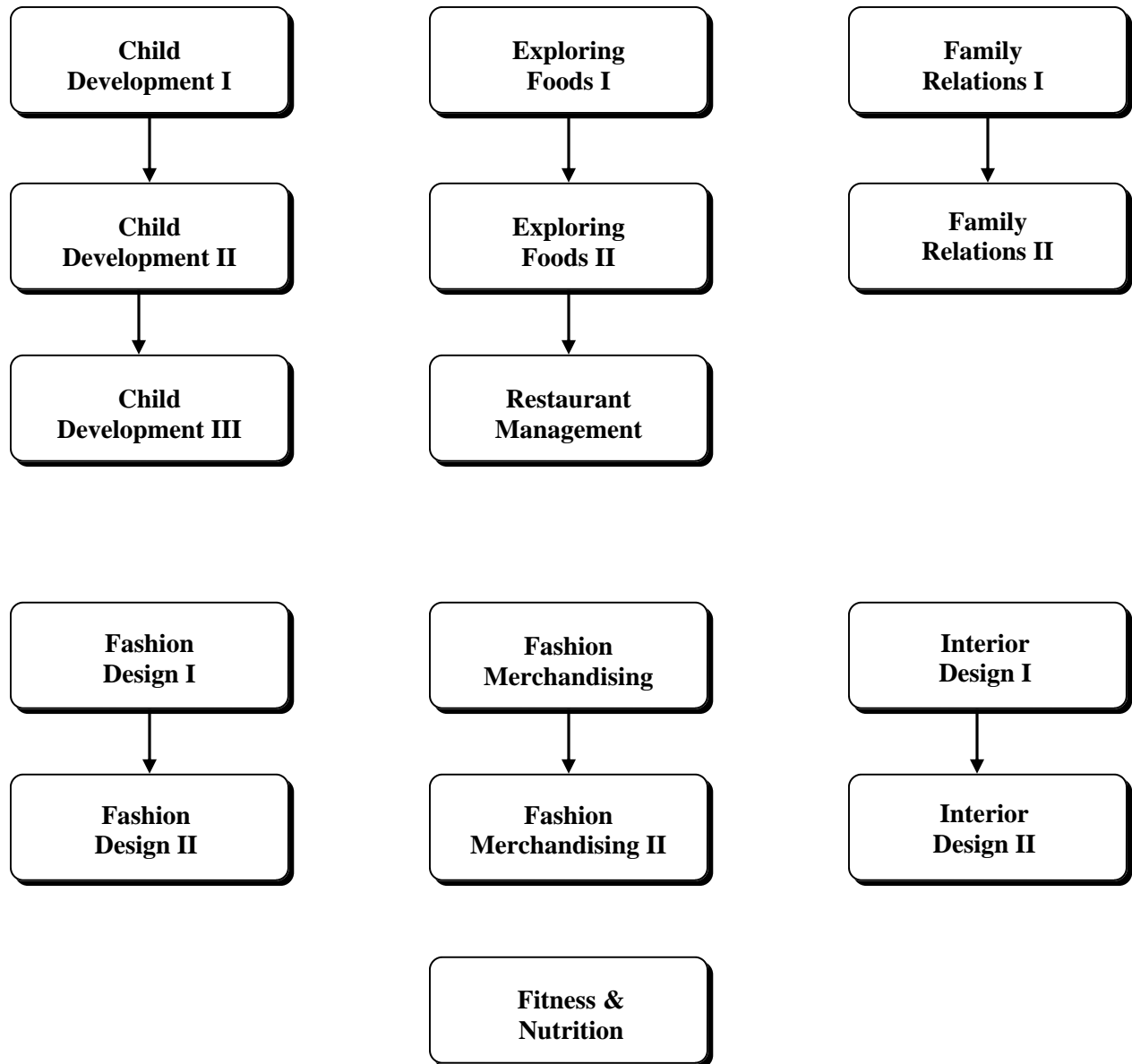
## ENGLISH LANGUAGE LEARNERS RESOURCE LUNCH STUDY

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.

# Family and Consumer Sciences



## Family and Consumer Sciences

### FAMILY AND CONSUMER SCIENCES COURSE LIST

#### *All Elective Courses*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Child Development I	9, 10, 11, 12	None
Child Development II	9, 10, 11, 12	Completion of Child Development I with a grade of "C" or higher is recommended
Child Development III	11, 12	Completion of Child Development I, II with a grade of "C" or higher is recommended
Exploring Foods I	9, 10, 11, 12	None
Exploring Foods II	9, 10, 11, 12	Completion of Exploring Foods I with a grade of "C" or higher is recommended
Family Relationships I	10, 11, 12	None
Family Relationships II	10, 11, 12	Completion of Family Relationships I with a grade of "C" or higher is recommended
Fashion Design I	9, 10, 11, 12	None
Fashion Design II	9, 10, 11, 12	Completion of Fashion Design I with a grade of "C" or higher is recommended
Fashion Merchandising I	10, 11, 12	Completion of Fashion Design I and II with a grade of "C" or higher recommended
Fashion Merchandising II	10, 11, 12	Completion of Fashion Merchandising I with a grade of "C" or higher is recommended
Fitness and Nutrition	11, 12	Completion of Physical Education I and II with a "C" or better is recommended
Interior Design I	11, 12	None
Interior Design II	11, 12	Completion of Interior Design I with a grade of "C" or better is recommended
Restaurant Management I	10, 11, 12	Completion of Exploring Foods I and II with a grade of "C" or higher is recommended

### FAMILY AND CONSUMER SCIENCES COURSE DESCRIPTIONS

#### **CHILD DEVELOPMENT I**

WF3023

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

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**

WF3123

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

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** WF3221, WF3222

**Length/Credit:** 1 year / 2.0  
**Grade(s):** 11, 12  
**Prerequisite:** Completion of Child Development I, II with a grade of "C" or higher is recommended.

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** WF1123

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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** WF1223

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Completion of Exploring Foods I with a grade of "C" or higher is recommended.  
**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** WF4123

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

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** WF4223

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

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

**FASHION DESIGN I** WF2123

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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** WF2223

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Completion of Fashion Design I with a grade of "C" or higher is recommended.  
**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** WF2323

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Completion of Fashion Design I and II with a grade of "C" or higher recommended.  
**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** WF2423

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

## Family and Consumer Sciences

### **FITNESS AND NUTRITION** WH1521, WF1521 WH1522, WF1522

**Length/Credit:** 1 semester / 0.5 or 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Completion of Physical Education I, II with a "C"  
**Fee:** Yes

This course is a two-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** WF2523

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

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** WF2623

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

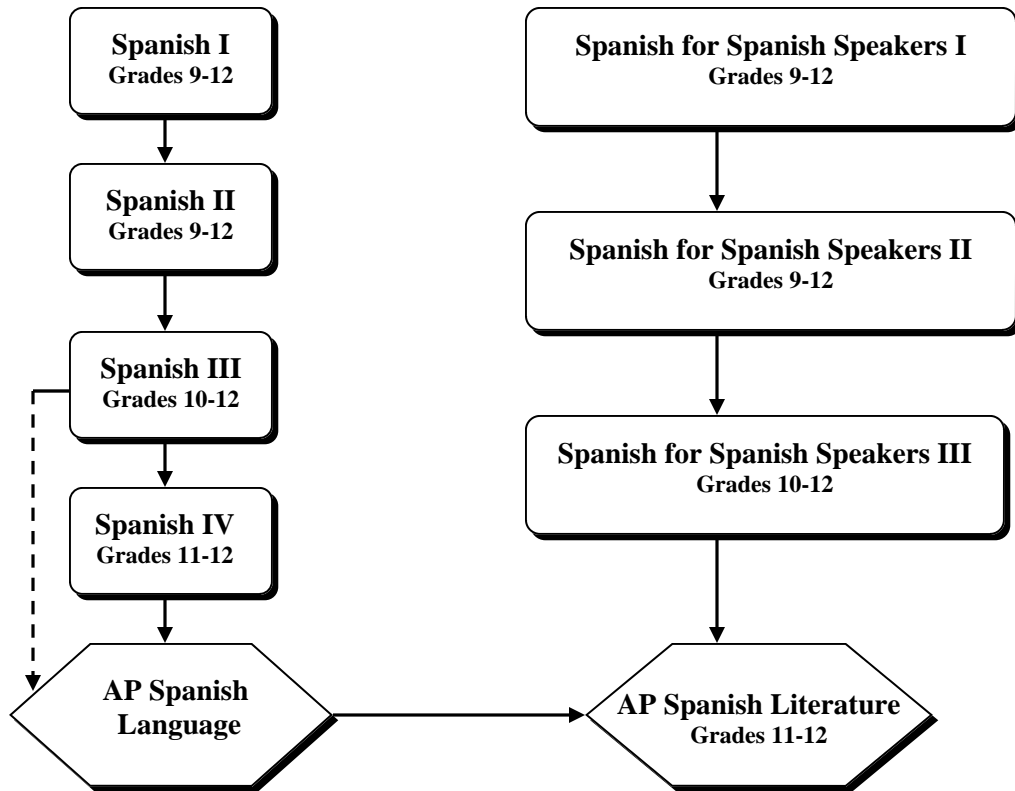
This course is designed to explore the occupational training needs of interior designers and other professionals related to residential and commercial architecture and decorating. Students will analyze influences on architectural and furniture designs.

### **RESTAURANT MANAGEMENT I** WF1321, WF1322

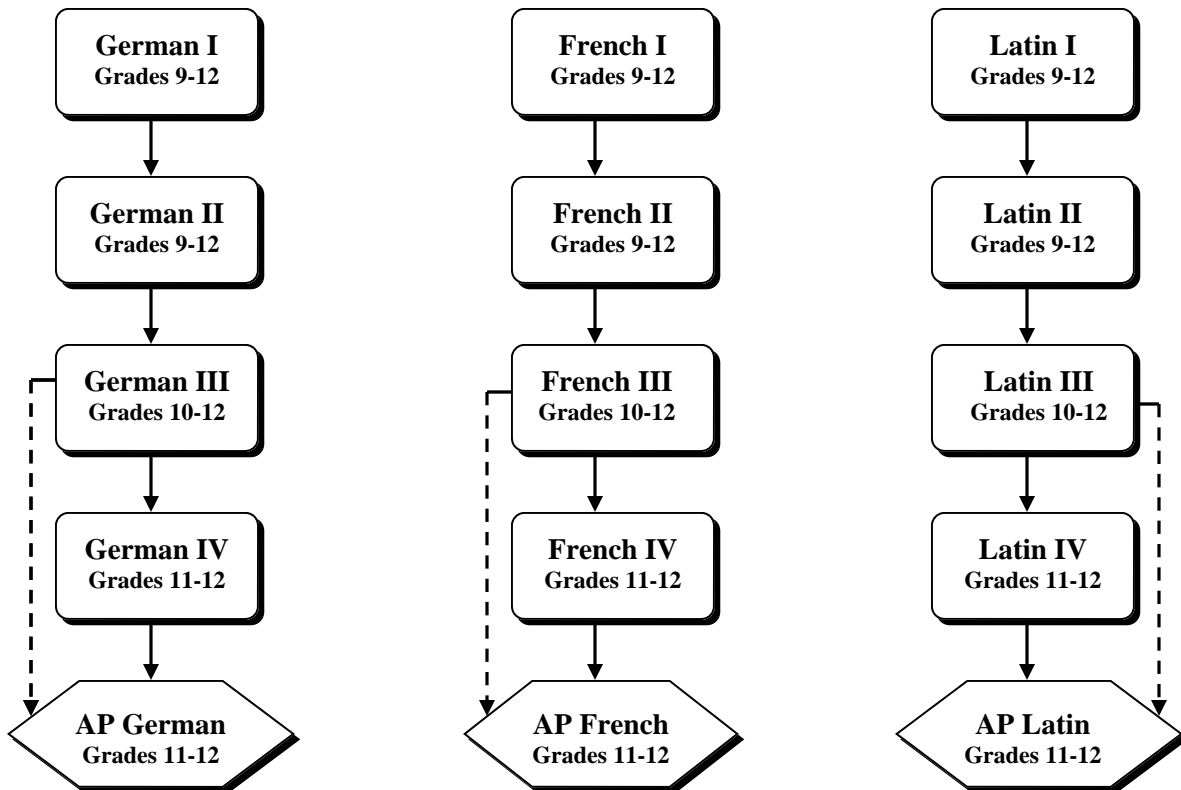
**Length/Credit:** 1 semester / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Completion of Exploring Foods I and II with the grade of "C" or higher is recommended.  
**Fee:** Yes

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

# Foreign Language



\*Spanish I-IV are not available to students whose home language is Spanish.



Solid lines are the primary path

## Foreign Language

### FOREIGN LANGUAGE COURSE LIST

#### *All Elective Courses*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
French I	9, 10, 11, 12	None
French II	9, 10, 11, 12	Language proficiency at the French I level
French III	10, 11, 12	Language proficiency at the French II level
French IV	11, 12	Language proficiency at the French III level
AP French Language	11, 12	Language proficiency at the French III level
German I	9, 10, 11, 12	None
German II	9, 10, 11, 12	Language proficiency at the German I level
German III	10, 11, 12	Language proficiency at the German II level
German IV	11, 12	Language proficiency at the German III level
AP German Language	11, 12	Language proficiency at the German III level
Latin I	9, 10, 11, 12	None
Latin II	9, 10, 11, 12	Language proficiency at the Latin I level
Latin III	10, 11, 12	Language proficiency at the Latin II level
Latin IV	11, 12	Language proficiency at the Latin III level
AP Latin	11, 12	Language proficiency at the Latin III level
Spanish I	9, 10, 11, 12	None
Spanish II	9, 10, 11, 12	Language proficiency at the Spanish I level
Spanish III	10, 11, 12	Language proficiency at the Spanish II level
Spanish IV	11, 12	Language proficiency at the Spanish III level
Spanish for Spanish Speakers I	9, 10, 11, 12	None
Spanish for Spanish Speakers II	9, 10, 11, 12	Language proficiency at the Spanish for Spanish Speakers I level
Spanish for Spanish Speakers III	10, 11, 12	Language proficiency at the Spanish for Spanish Speakers II level
AP Spanish Language	11, 12	Language proficiency at the Spanish III level
AP Spanish Literature	11, 12	Language proficiency in AP Spanish Language

**Important Note: Students whose home language is Spanish must sign up for a Spanish for Spanish Speakers course or a different foreign language option other than Spanish.**

### FOREIGN LANGUAGE COURSE DESCRIPTIONS

#### **FRENCH I**

GF0121, GF0122

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

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**

GF0221, GF0222

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Language proficiency at the French I level

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** GF0321, GF0322

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Language proficiency at the French II level  
**Fee:** Yes

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** GF0441, GF0442

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Language proficiency at the French III level  
**Other info:** Honors grade weight  
**Fee:** Yes

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.

**AP FRENCH LANGUAGE** GF0451, GF0452

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

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** GF1121, GF1122

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

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** GF1221, GF1222

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Language proficiency at the German I level  
**Fee:** Yes

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** GF1321, GF1322

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Language proficiency at the German II level  
**Fee:** Yes

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** GF1441, GF1442

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Language proficiency at the German III level  
**Other info:** Honors grade weight  
**Fee:** Yes

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.

**AP GERMAN LANGUAGE** GF1451, GF1452

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

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** GF2121, GF2122

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

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.

## Foreign Language

### LATIN II

GF2221, GF2222

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

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

GF2321, GF2322

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Language proficiency at the Latin II level  
**Fee:** Yes

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

GF2441, GF2442

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Language proficiency at the Latin III level  
**Other info:** Honors grade weight  
**Fee:** Yes

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.

### AP LATIN

GF2451, GF2452

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

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

GF3121, GF3122

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

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

GF3221, GF3222

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

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

GF3321, GF3322

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Language proficiency at the Spanish II level  
**Fee:** Yes

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

GF3441, GF3442

**Length/Credit:** 1 year / 1.0 elective  
**Grade(s):** 11, 12  
**Prerequisite:** Language proficiency at the Spanish III level  
**Other info:** Honors grade weight  
**Fee:** Yes

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

GF3821

GF3822

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

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**      GF3921  
GF3922

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

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**      GF4021  
GF4022

**Length/Credit:**    1 year / 1.0  
**Grade(s):**        10, 11, 12  
**Prerequisite:**    Language proficiency at the Spanish for Spanish  
                               Speakers II level  
**Fee:**                Yes  
**Other Info:**        AP Exam is required

Spanish for Spanish Speakers III is designed to prepare students for the AP Spanish Exams. Students will develop further proficiency in the language with an emphasis on literature and composition.

**AP SPANISH LANGUAGE**                      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

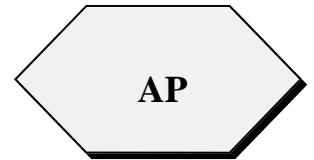
AP Spanish Language is intended for students who wish to develop their proficiency in all four language skills: listening, speaking, reading, and writing. Students who enroll should already have a basic knowledge of the language and culture of Spanish-speaking peoples and should have attained a reasonable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

**AP SPANISH LITERATURE**                      GF3551, GF3552

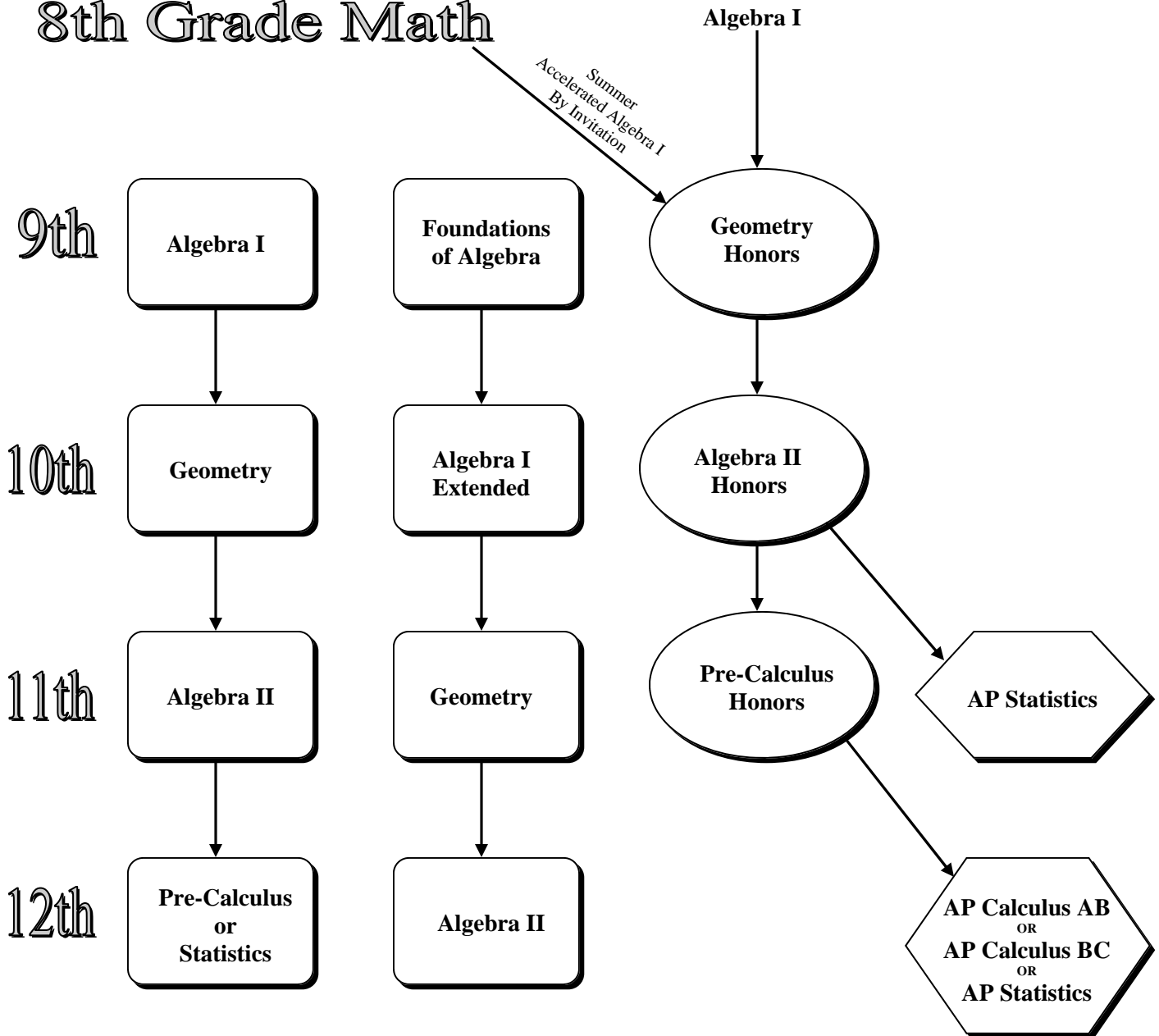
**Length/Credit:**    1 year / 1.0  
**Grade(s):**        11, 12  
**Prerequisite:**    Language proficiency in AP Spanish Language  
**Fee:**                Yes  
**Other Info:**        AP Exam is required

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.

# Mathematics



## 8th Grade Math



\*Parents/guardians of freshmen receive their placement information for math prior to registration.

**MATHEMATICS COURSE LIST**

*Graduation Requirement: Class of 2008 - 2 Credits, Class of 2009 and thereafter - 3 credits.*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Foundations of Algebra	9, 10	Placement by the Instructional Coordinator
Algebra I	9, 10, 11, 12	Placement by the Instructional Coordinator
Algebra I Extended	9, 10, 11, 12	Placement by the Instructional Coordinator
Algebra II	9, 10, 11, 12	Algebra I and Geometry
Algebra II Honors	9, 10, 11, 12	“B” average or better in Algebra I and Geometry Honors or approval of Instructional Coordinator
Geometry	9, 10, 11, 12	Algebra I
Geometry Honors	9, 10, 11, 12	“B” average or higher in Algebra I or placement by the Mathematics Department
Pre-Calculus	10, 11, 12	Algebra II
Pre-Calculus Honors	10, 11, 12	“B” average or better in Algebra II Honors or placement by the Instructional Coordinator
AP Calculus AB	11, 12	Pre-Calculus
AP Calculus BC	11, 12	“B” average or better in Pre-Calculus or placement by the Instructional Coordinator
Statistics	11, 12	Algebra II
AP Statistics	11, 12	“C” or higher in Algebra II Honors is recommended

**ELECTIVES**

Introduction to Computer Science	9, 10, 11, 12	Algebra I
AP Computer Science	10, 11, 12	Introduction to Computer Science or approval of Instructional Coordinator

**MATHEMATICS COURSE DESCRIPTIONS**

**FOUNDATIONS OF ALGEBRA** MM0011, MM0012

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

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 I**

MM2121, MM2122

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

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 I (Extended)**

MM2321, MM2322

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Placement by Instructional Coordinator  
**Other Info:** Class meets during one and a half periods.

Students who are recommended for placement in this course will study the Algebra I curriculum with the support of additional instructional time.

## Mathematics

### ALGEBRA II

MM2221, MM2222

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Algebra I and Geometry  
**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.

### ALGEBRA II HONORS

MM2241, MM2242

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** "B" average or better in Algebra I and Geometry Honors or approval of Instructional Coordinator  
**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

MM7133

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

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

### AP COMPUTER SCIENCE

MM7253, MM7353

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Introduction to Computer Science or approval of Instructional Coordinator  
**Fee:** Yes  
**Other Info:** This course does not satisfy the graduation requirement for mathematics. AP Exam is required

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

MM3121, MM3122

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Algebra I  
**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

MM3141, MM3142

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** "B" average or higher in Algebra I or placement by the Instructional Coordinator.  
**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

MM5021, MM5022

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Algebra II  
**Fee:** Yes  
**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

MM5041, MM5042

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** "B" average or better in Algebra II Honors or placement by the Instructional Coordinator  
**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**

MM5151, MM5152

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Pre-Calculus  
**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.

**AP CALCULUS BC**

MM5251, MM5252

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** "B" average or better in Pre-Calculus or placement by the Instructional Coordinator  
**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.

**STATISTICS**

MM6021, MM6022

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Algebra II  
**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.

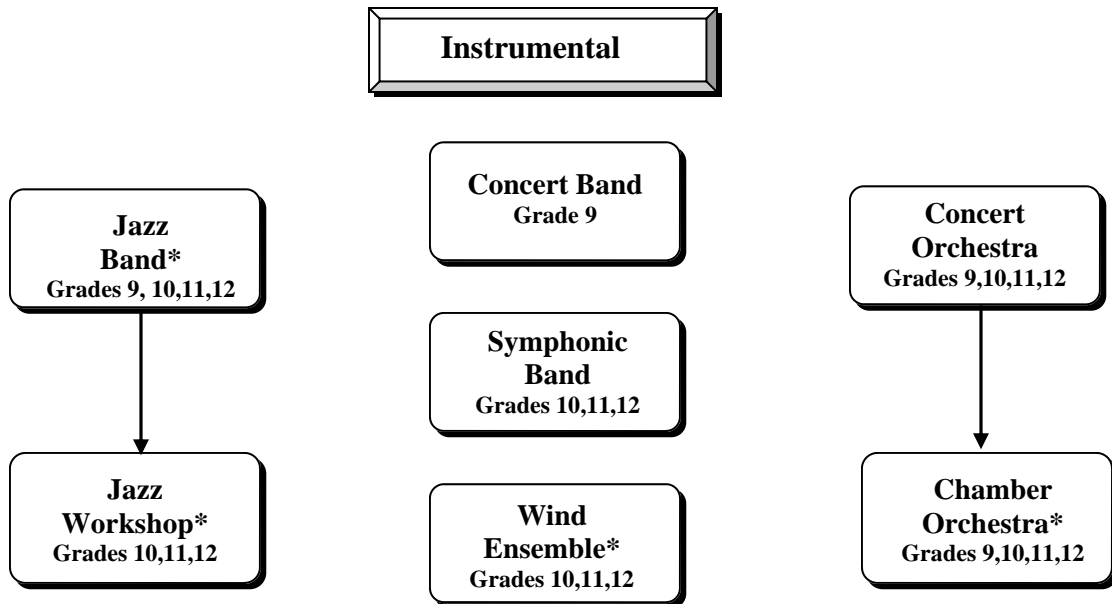
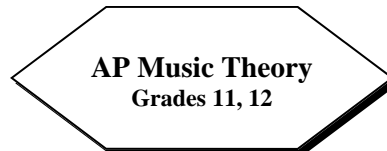
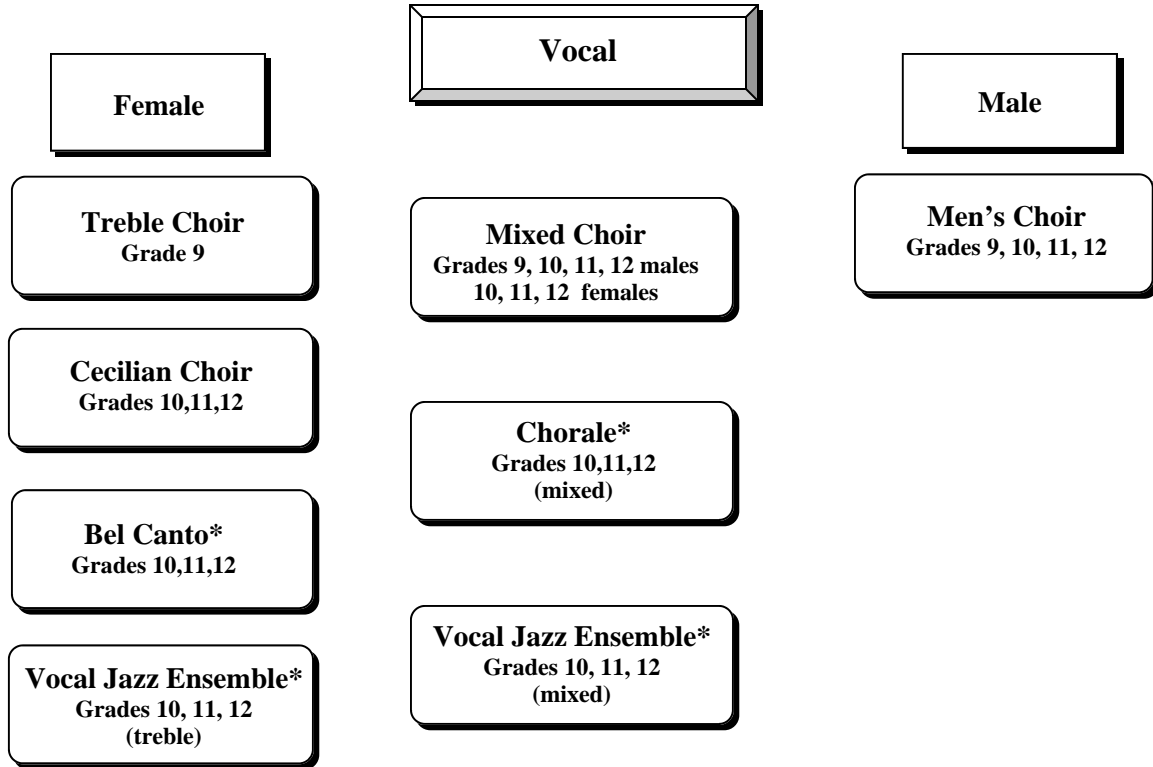
**AP STATISTICS**

MM6051, MM6052

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** "C" or higher in Algebra II Honors is recommended  
**Fee:** Yes  
**Other Info:** A graphing calculator TI-83 or TI-84 series is required. AP Exam is required

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 hypotheses, and draw conclusions.

# Music



\*These classes require an audition with the instructor.



**MUSIC COURSE LIST**  
*All Elective Courses*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Bel Canto	10, 11, 12	Audition
Cecilian Choir	10, 11, 12	None
Chamber Orchestra	9, 10, 11, 12	Audition
Chorale	10, 11, 12	Audition
Concert Band	9	Participation in middle school band or consent of the Instructional Coordinator
Concert Orchestra	9, 10, 11, 12	Participation in middle school band or consent of the instructor.
Jazz Band	9, 10, 11, 12	Audition and enrollment in a core instrumental class
Jazz Workshop	10, 11, 12	Audition and enrollment in a core instrumental class
Men's Choir	9, 10, 11, 12	None
Mixed Choir	10, 11, 12 <i>(9 - male students only)</i>	None
AP Music Theory	11, 12	Consent of Instructional Coordinator
Symphonic Band	10, 11, 12	Completion of Concert Band or consent of the instructor
Treble Choir	9	None
Vocal Jazz Ensemble	10, 11, 12	Audition and enrollment in a core vocal class
Wind Ensemble	10, 11, 12	Audition

**MUSIC COURSE DESCRIPTIONS**

**Important Note: Music students are expected to attend all rehearsals and performances, including those scheduled outside of the school day.**

**BEL CANTO**

HM2421, HM2422

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** Open to female students, grades 10, 11, 12  
**Prerequisite:** Audition  
**Fee:** Yes

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 advanced choral music ranging from Renaissance to Contemporary styles.

**CECILIAN CHOIR**

HM2121, HM2122

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** Open to female students, grades 10, 11, 12  
**Prerequisite:** None  
**Fee:** Yes

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**

HM1121, HM1122

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Audition  
**Fee:** Yes

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.

## Music

### CHORALE

HM2221, HM2222

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** Open to all students, grades 10, 11, 12  
**Prerequisite:** Audition  
**Fee:** Yes

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 advanced choral music ranging from Renaissance to Contemporary styles.

### CONCERT BAND

HM0121, HM0122

**Length/Credit:** 1 year / 1.0 credit  
**Grade:** 9  
**Prerequisite:** Participation in middle school band or consent of the Instructional Coordinator.  
**Fee:** Yes  
**Other Info:** 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

HM1021, HM1022

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Participation in middle school orchestra or consent of the Instructional Coordinator.  
**Fee:** Yes

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

HM0321, HM0322

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Audition and enrollment in a core instrumental class  
**Fee:** Yes

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

HM0421, HM0422

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Audition and enrollment in a core instrumental class  
**Fee:** Yes

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

HM2621, HM2622

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** Open to male students, grades 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** Yes

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

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  
**Fee:** Yes

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.

### AP MUSIC THEORY

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**

HM0221, HM0222

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Completion of Concert Band or consent of the instructor  
**Fee:** Yes  
**Other Info:** 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**

HM2321, HM2322

**Length/Credit:** 1 year / 1.0 credit  
**Grade:** Open to female students in grade 9  
**Prerequisite:** None  
**Fee:** Yes

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**

HM2521, HM2522

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Audition and enrollment in a core vocal class.  
**Fee:** Yes

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.

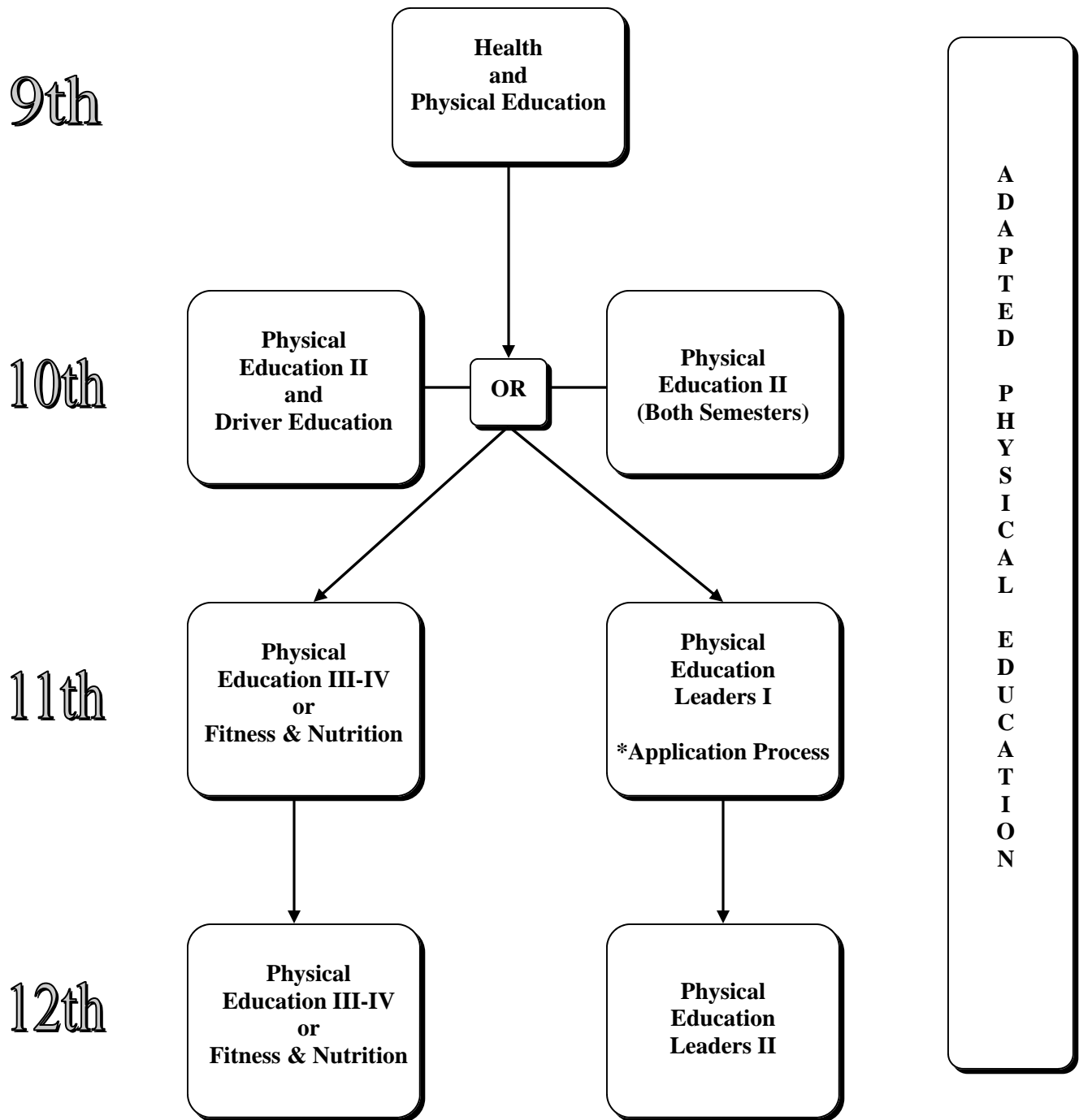
**WIND ENSEMBLE**

HM0521, HM0522

**Length/Credit:** 1 year / 1.0 credit  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Audition  
**Fee:** Yes  
**Other Info:** 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, and music theory. These concepts are essential in the subsequent rehearsal and performance of high-quality introductory band literature.

# Physical Education, Health, and Driver Education



**PHYSICAL, HEALTH, AND DRIVER EDUCATION COURSE LIST**  
*4 Credits required including .5 Health and .5 Driver Education*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Adapted Physical Education	9, 10, 11, 12	None
Driver Education	10, 11, 12	Age restrictions and State of Illinois requirements
Fitness and Nutrition	11, 12	Completion of Physical Education I and II with a grade of "C" or better recommended
Health - Level I	9, 10, 11, 12	None
Health	9, 10, 11, 12	None
Physical Education I	9, 10, 11, 12	None
Physical Education II	10	Completion of Physical Education I with a grade of "C" or better is recommended
Physical Education II - Both Semesters	10	Completion of Physical Education I with a grade of "C" or higher recommended
Physical Education III-IV	11, 12	Completion of Physical Education I and II with a grade of "C" or higher recommended
Physical Education Student Leaders I	11	15 years of age, selection of Wellness Staff following completion of application form, successful completion of aquatic assessments during Physical Education II
Physical Education Student Leaders II	12	Completion of Physical Education Leaders I with a grade of "B" or higher including successful completion of all ARC certifications

**PHYSICAL, HEALTH, AND DRIVER EDUCATION COURSE DESCRIPTIONS**

**ADAPTED PHYSICAL EDUCATION**

WH1321,  
WH1322

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

WH3021, WH3022

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Age restrictions and State of Illinois requirements  
**Fee:** WH3021-Age 16 by February 1st  
 WH3022-Age 16 by July 1st  
 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**

WH1521, WF1521  
WH1522, WF1522

**Length/Credit:** 1 semester / 0.5 or 1 year/1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Completion of Physical Education I, and II with a grade of "C" or better recommended.  
**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**

WH2013

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

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.

## Physical, Health, and Driver Education

### HEALTH

WH2023, WH2022

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

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

### PHYSICAL EDUCATION I

WH0123

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

WH0223

**Length/Credit:** 1 semester / 0.5  
**Grade:** 10  
**Prerequisite:** Completion of Physical Education I with a grade of "C" or better is recommended.  
**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 - BOTH SEMESTERS

WH0221, WH0222

**Length/Credit:** 1 year / 1.0  
**Grade:** 10  
**Prerequisite:** Completion of Physical Education I with a grade of "C" or higher recommended.  
**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 strategies to activities which focus on lifelong wellness.

### PHYSICAL EDUCATION III-IV

WH0321, WH0322

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

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

### PHYSICAL EDUCATION STUDENT LEADERS I

WH1121, WH1122

**Length/Credit:** 1 year / 1.0  
**Grade:** 11  
**Prerequisite:** 15 years of age, selection of Wellness Staff following completion of application form, successful completion of aquatic assessments during Physical Education II  
**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 assist effectively a physical education class. This will include the completion of American Red Cross certification in Life Guarding (including First Aid) and Professional CPR (including AED).

### PHYSICAL EDUCATION STUDENT LEADERS II

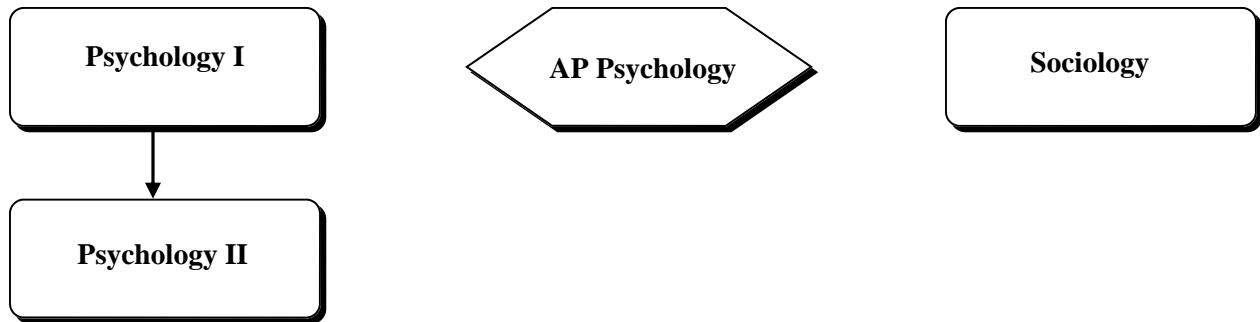
WH1221, WH1222

**Length/Credit:** 1 year / 1.0  
**Grade:** 12  
**Prerequisite:** Completion of Physical Education Leaders I with a grade of "B" or higher including successful completion of all ARC certifications.  
**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 assistants in a Physical Education class, students will lead and organize group activities, serve as a lifeguards, and officiate various sports.

# Psychology and Sociology

## All Elective Courses



### PSYCHOLOGY I

WS1123

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

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, and 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

WS1223

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

This course is a continuation of Psychology I, in which 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.

### AP PSYCHOLOGY

WS1351, WS1352

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Academic average of "C" or higher is recommended.  
**Other Info:** Summer reading assignment is required.  
AP Exam 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 psychology courses. Students will also acquire and utilize the critical thinking skills that are required in the field.

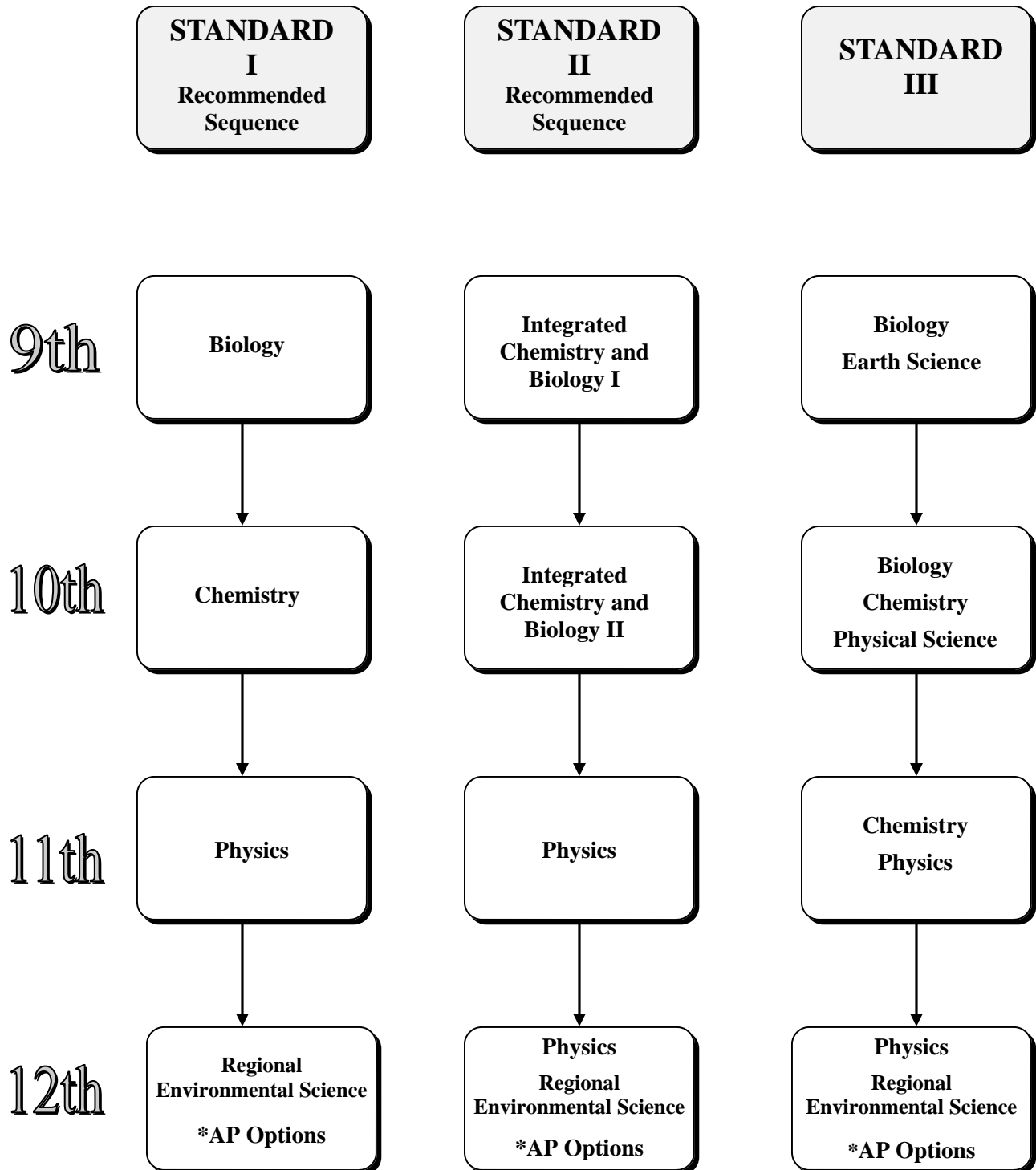
### SOCIOLOGY I

WS0123

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

This course provides 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.

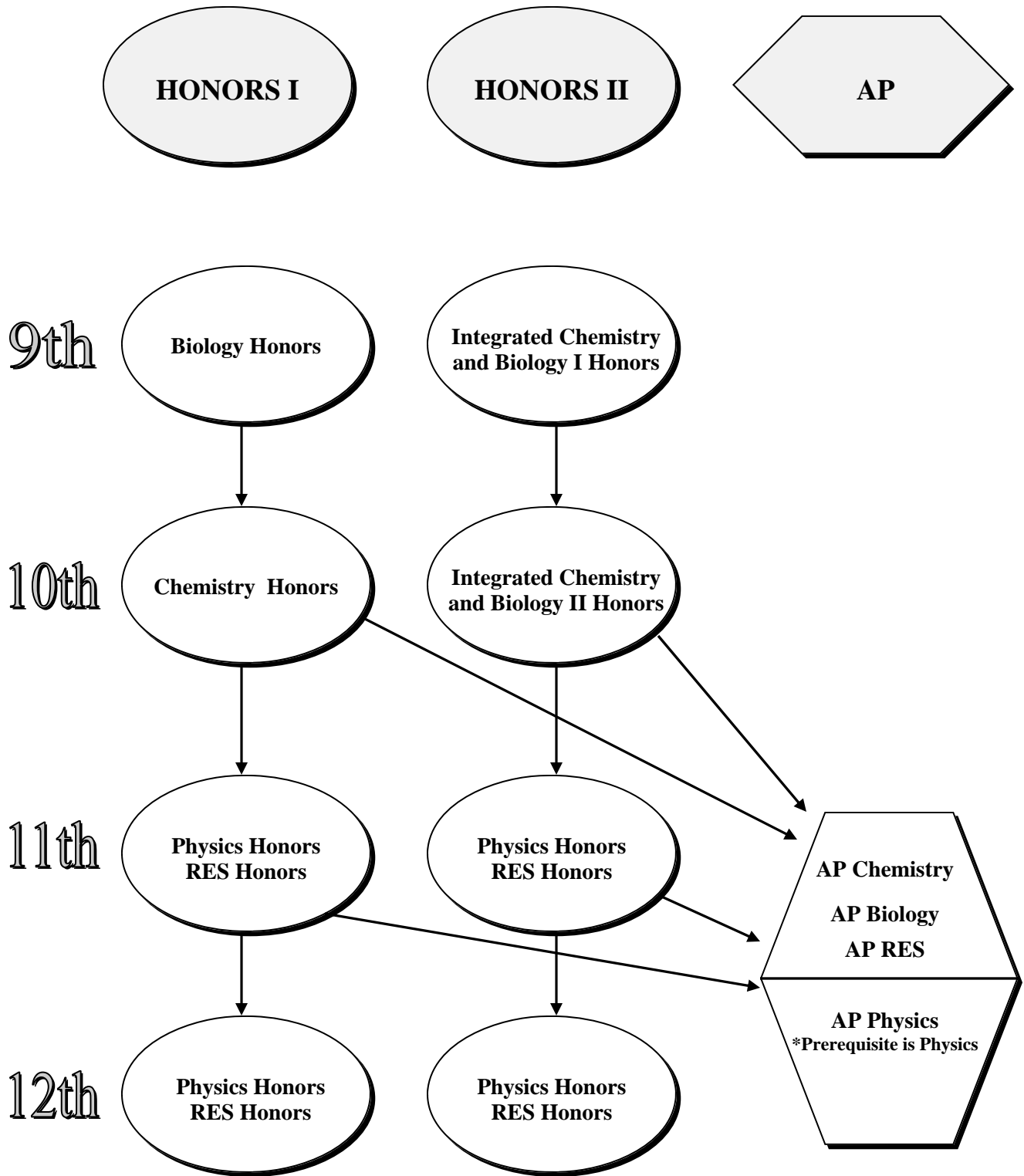
# Science - Standard



**\*AP Options:**  
 AP Biology  
 AP Chemistry  
 AP Physics  
 AP RES



# Science - Honors/AP



RES — Regional Environmental Science

## Science

### SCIENCE COURSE LIST *Graduation Requirement of 2.0 credits*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Biology	9, 10, 11, 12	None
Biology Honors	9, 10, 11, 12	None
AP Biology	11, 12	2 years of lab science including Biology
Chemistry	10, 11, 12	Algebra I and 1 year of lab science
Chemistry Honors	10, 11, 12	Algebra I and 1 year of lab science
AP Chemistry	11, 12	2 years of lab science including Chemistry
Earth Science	9, 10, 11, 12	None
Integrated Chemistry-Biology I	9, 10	None
Integrated Chemistry-Biology I Honors	9, 10	None
Integrated Chemistry-Biology II	10	Successful completion of ICB I
Integrated Chemistry-Biology II Honors	10	Successful completion of ICB II Honors
Physical Science	10, 11, 12	Algebra recommended. Not open to students who have taken Chemistry or Physics.
Physics	11, 12	None
Physics Honors	11, 12	2 lab sciences and Geometry
AP Physics	11, 12	2 years of lab science including Physics
Regional Environmental Science	11, 12	2 years of lab science
AP Regional Environmental Science	11, 12	2 years of lab science including Biology

### SCIENCE COURSE DESCRIPTIONS

#### **BIOLOGY**

SS0121, SS0122

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

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**

SS0141, SS0142

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

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.

#### **AP BIOLOGY**

SS0151, SS0152

**Length/Credit:** 1 year 1.5 periods / 1.0 honors  
**Grade(s):** 11, 12  
**Prerequisite:** 2 years of lab science including Biology  
**Fee:** Yes  
**Other Info:** Course fee includes AP Biology exam registration.  
**AP Exam is required**

AP Biology 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**

SS2021, SS2021

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

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**

SS2041, SS2042

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

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.

**AP CHEMISTRY**

SS2051, SS2052

**Length/Credit:** 1 year 1.5 periods / 1.0 honors  
**Grade(s):** 11, 12  
**Prerequisite:** 2 years of lab science including Chemistry  
**Fee:** Yes  
**Other Info:** Course fee includes AP Chemistry exam registration.  
 AP Exam is required

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

**EARTH SCIENCE**

SS3021, SS3022

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10  
**Prerequisite:** None  
**Fee:** Yes

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**

SS1121, SS1122

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

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**

SS1141, SS1142

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

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.

## Science

### INTEGRATED CHEMISTRY-BIOLOGY II

SS1221, SS1222

<b>Length/Credit:</b>	<b>1 year / 1.0</b>
<b>Grade:</b>	<b>10</b>
<b>Prerequisite:</b>	<b>Successful completion of Integrated Chemistry-Biology I</b>
<b>Other Info:</b>	<b>Course may have an associated fee.</b>

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

SS1241, SS1242

<b>Length/Credit:</b>	<b>1 year / 1.0</b>
<b>Grade:</b>	<b>10</b>
<b>Prerequisite:</b>	<b>Successful completion of Integrated Chemistry-Biology I Honors</b>
<b>Other Info:</b>	<b>Course may have an associated fee.</b>

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

SS4021, SS4022

<b>Length/Credit:</b>	<b>1 year / 1.0</b>
<b>Grade(s):</b>	<b>10, 11, 12</b>
<b>Prerequisite:</b>	<b>Algebra recommended. Not open to students who have taken Chemistry or Physics.</b>
<b>Fee:</b>	<b>Yes</b>

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

SS4221, SS4222

<b>Length/Credit:</b>	<b>1 year / 1.0</b>
<b>Grade(s):</b>	<b>11, 12</b>
<b>Prerequisite:</b>	<b>None</b>

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. Algebra II is recommended.

### PHYSICS HONORS

SS4241, SS4242

<b>Length/Credit:</b>	<b>1 year / 1.0</b>
<b>Grade(s):</b>	<b>11, 12</b>
<b>Prerequisite:</b>	<b>2 lab sciences and Geometry Completion of Algebra II recommended</b>

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.

**AP PHYSICS**

SS4251, SS4252

**Length/Credit:** 1 year 1.5 periods / 1.0 honors  
**Grade(s):** 11, 12  
**Prerequisite:** 2 years of lab science including Physics  
**Fee:** Yes  
**Other Info:** Course fee includes AP Physics exam registration.  
 AP Exam is required

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. Physics is unique among the sciences in that it is strongly related to success in higher mathematics and scientific processes.

**REGIONAL ENVIRONMENTAL SCIENCE**

SS5021, SS5022

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

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.

**REGIONAL ENVIRONMENTAL SCIENCE HONORS**

SS5041, SS5042

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

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. Honors students will be given different assignments and will have additional expectations.

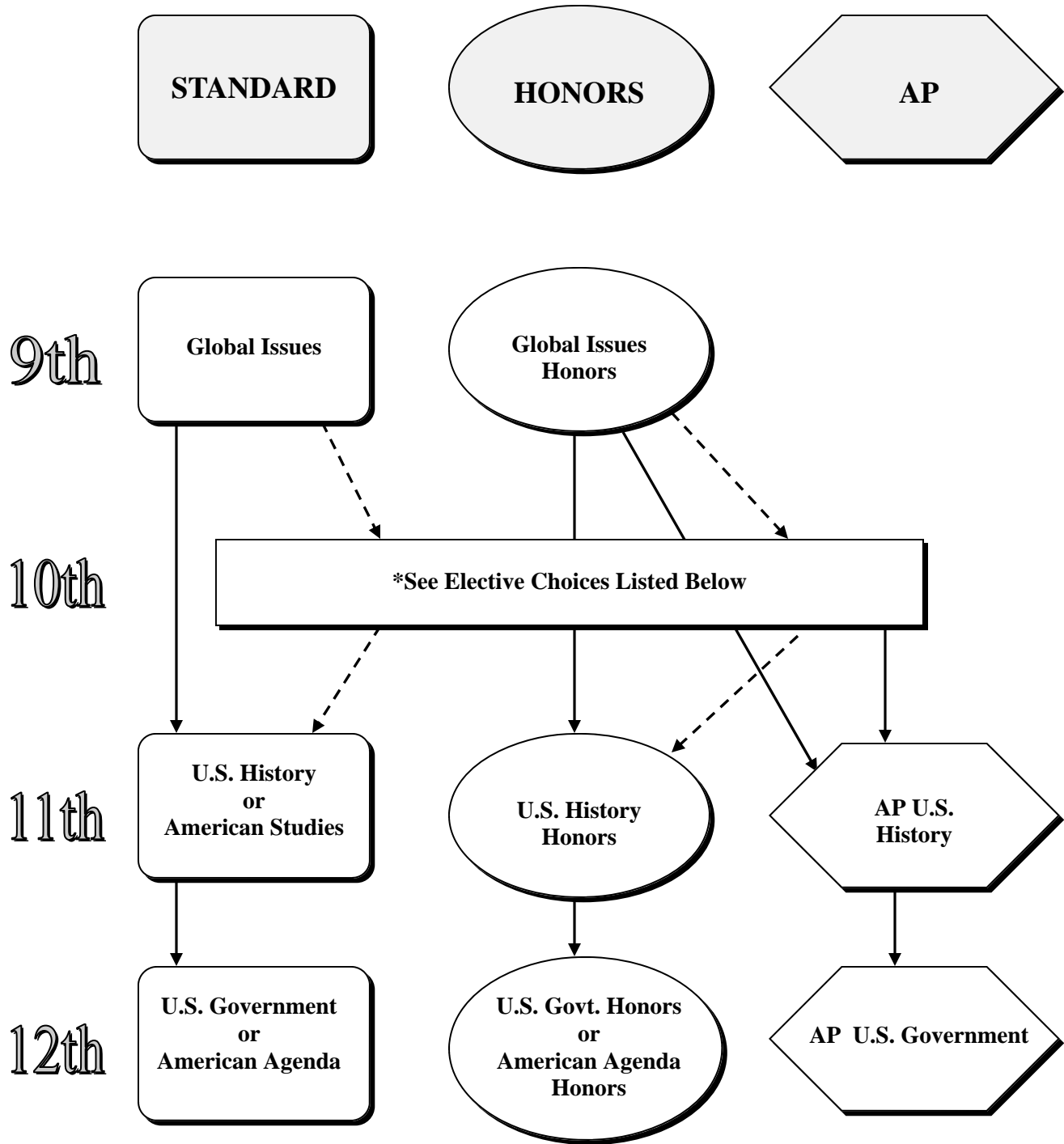
**AP REGIONAL ENVIRONMENTAL SCIENCE**

SS5051, SS5052

**Length/Credit:** 1 year 1.5 periods / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Two year of lab science including Biology  
**Fee:** Yes  
**Other Info:** Course fee includes AP Environmental Science exam registration.  
 AP Biology Exam is required

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. 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.

# Social Studies



\*European History (Grades 10, 11, 12)  
 \*AP European History (Grades 10, 11, 12)

**SOCIAL STUDIES COURSE LIST**

*Graduation Requirements in Social Studies (2.5 credits) include: Global Issues, US History, Government*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
American Agenda	12	None
American Agenda Honors	12	None
American Studies	11	Successful completion of English I & English II
Global Issues	9	None
Global Issues Honors	9	None
United States Government	12	None
United States Government Honors	12	None
AP United States Government	12	None
United States History	11	None
United States History Honors	11	None
AP United States History	11	None
<b>ELECTIVES</b>		
European History	10, 11, 12	None
AP European History	10, 11, 12	None
Criminal Justice	11,12	None

**SOCIAL STUDIES COURSE DESCRIPTIONS**

**AMERICAN AGENDA** GH2123, MB2123

**Length/Credit:** 1 semester / 1.0  
**Grade:** 12  
**Prerequisite:** None  
**Other Info:** This is a team-taught two period course. This course fulfills the economics and government graduation requirements.

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 AGENDA HONORS** GH2143, MB2143

**Length/Credit:** 1 semester / 1.0  
**Grade:** 12  
**Prerequisite:** None  
**Other Info:** This is a team-taught two period course. This course fulfills the economics and government graduation requirements.

This course is designed to investigate the connections between the American political and economic systems. Students will evaluate a broad body of political and economic issues, analyze and interpret documents, and develop advanced writing skills while investigating solutions to issues.

**AMERICAN STUDIES** GH1321, HE2421  
GH1322, HE2422

**Length/Credit:** 1 year-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** 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.

## Social Studies

### EUROPEAN HISTORY

GH1521, GH1522

**Length/Credit:** 1 year / 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** None

This course will introduce students to the cultural, economic, political and social developments from the 14th to the 21st century that played a fundamental role in the shaping of the European world. The students will develop an understanding of some of the principle themes in European history, analyze historical evidence and interpretation and express historical understanding in writing.

### AP EUROPEAN HISTORY

GH1551, GH1552

**Length/Credit:** 1 year / 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** Yes  
**Other Info:** AP Exam is required

This course will introduce students to the cultural, economic, political and social developments from the 14th to the 21st century that played a fundamental role in the shaping of the European world. The students will develop an understanding of some of the principle themes in European history, analyze historical evidence and interpretation and express historical understanding in writing. They will also develop a methodology for approaching the AP examination free-response, document based and multiple choice questions.

### GLOBAL ISSUES

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

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 free-response, document based and multiple-choice questions.

### UNITED STATES GOVERNMENT

GH2023

**Length/Credit:** 1 semester / 0.5  
**Grade:** 12  
**Prerequisite:** None

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 HONORS

GH2043

**Length/Credit:** 1 semester / 0.5  
**Grade:** 12  
**Prerequisite:** None

This course is designed to analyze the study of general topics and concepts involved in American Government and politics. Students will 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.

### AP UNITED STATES GOVERNMENT

GH2053

**Length/Credit:** 1 semester / 0.5  
**Grade:** 12  
**Prerequisite:** None  
**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

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 HONORS**

GH1241, GH1242

**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. The class will include in-depth and accelerated work, emphasizing the interpretation of trends and movements by analyzing and interpreting original and secondary documents and readings. Students will engage in extensive reading and historical writing.

**AP UNITED STATES HISTORY**

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.

# 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).

## SPECIAL EDUCATION COURSE LIST

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Consumer Education	11, 12	Recommendation of IEP Team
Freshman/Sophomore Writing	9, 10	Recommendation of IEP Team
Introduction to Computer Technology	9, 10, 11, 12	Recommendation of IEP Team
Junior/Senior Writing	11, 12	Recommendation of IEP Team
Math	9, 10, 11, 12	Recommendation of IEP Team
Math Foundations	9, 10, 11, 12	Recommendation of IEP Team
Math Resource	9, 10, 11, 12	Recommendation of IEP Team
Reading	9, 10, 11, 12	Recommendation of IEP Team
Resource Study Hall	9, 10, 11, 12	Recommendation of IEP Team

## SPECIAL EDUCATION COURSE DESCRIPTIONS

**CONSUMER EDUCATION**

SN1111, SN1112

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

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**

SN0511, SN0512

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

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**

SN0111, SN0112

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

SN0521, SN0522

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

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**

SN0911, SN0912

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

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

**MATH FOUNDATIONS**

SN1711, SN1712

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

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**

SN1311, SN1312

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

SN0611, SN0612

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

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.

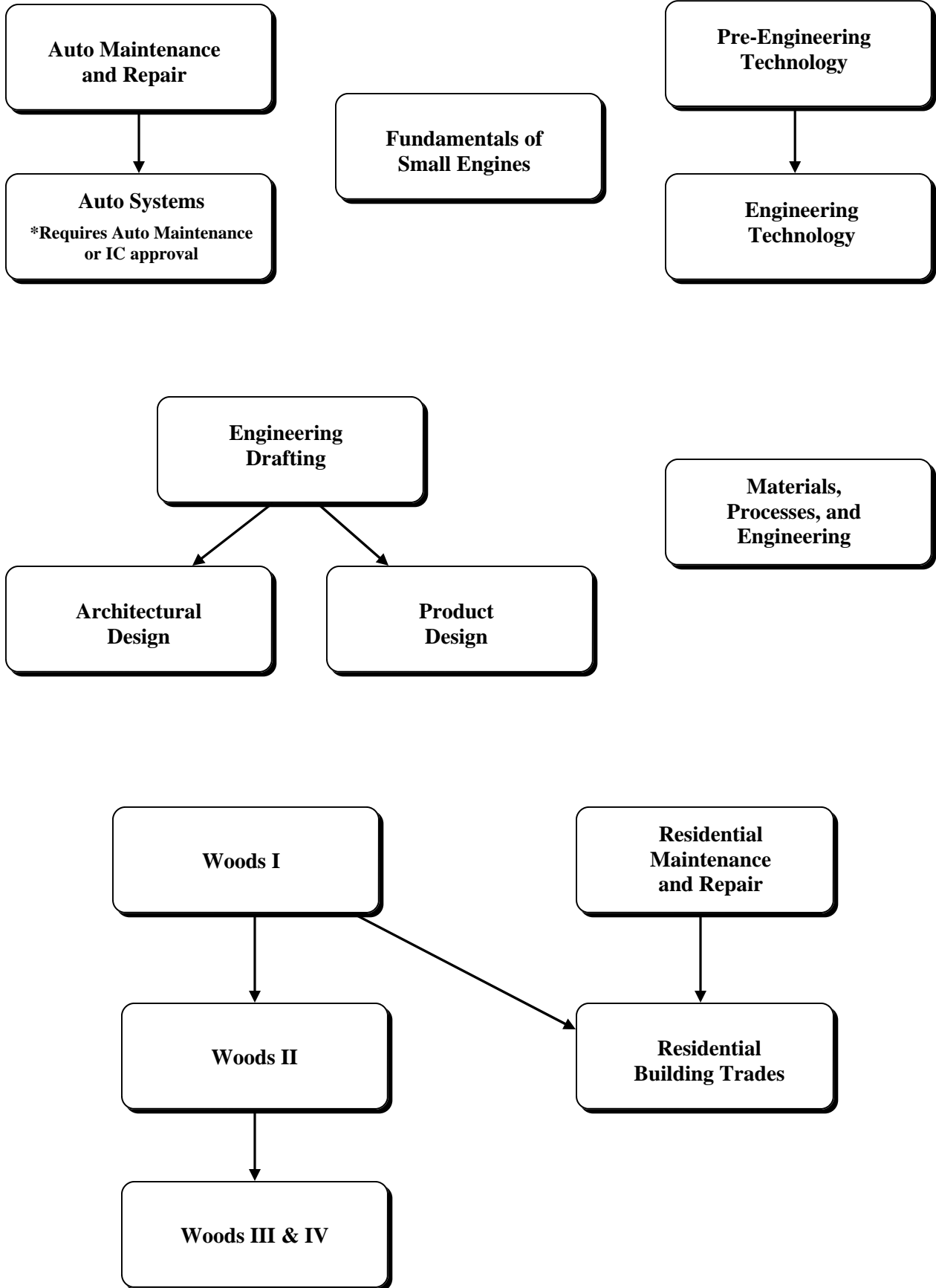
**RESOURCE STUDY HALL**

SN5011, SN5012

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

# Technology



## TECHNOLOGY COURSE LIST

### *All Elective Courses*

<u>Subject</u>	<u>Grades</u>	<u>Prerequisites</u>
Architectural Design	11, 12	Engineering Drafting
Auto Maintenance and Repair	9, 10, 11, 12	None
Automotive Systems and Services	10, 11, 12	Auto Maintenance and Repair
Engineering Drafting/CAD	9, 10, 11, 12	None
Engineering Technology	9, 10, 11, 12	Pre-Engineering Technology
Fundamentals of Small Engines	9, 10, 11, 12	None
Materials, Processes, and Engineering	9, 10, 11, 12	None
Pre-Engineering and Technology	9, 10, 11, 12	None
Product Design	10, 11, 12	Engineering Drafting
Residential Building Trades	10, 11, 12	Residential Maintenance and Repair, or Woods I, or consent of Instructional Coordinator
Residential Maintenance and Repair	9, 10, 11, 12	None
Woods I	9, 10, 11, 12	None
Woods II	10, 11, 12	Woods I
Woods III & IV	11, 12	Woods II

## TECHNOLOGY COURSE DESCRIPTIONS

### ARCHITECTURAL DESIGN

ST1141, ST1142

**Length/Credit:** 1 year-1.5 period class / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Engineering Drafting  
**Fee:** Yes  
**Other Info:** Honors grade weight

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

ST2023

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

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

### AUTOMOTIVE SYSTEMS AND SERVICES

ST2221, ST2222

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Auto Maintenance and Repair  
**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/CAD

ST1021, ST1022

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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.

## Technology

### ENGINEERING TECHNOLOGY ST0223

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** Pre-Engineering Technology  
**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 ST2123

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

Students examine the fundamentals of operation of small two-cycle 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 ST6021, ST6022

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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 AND TECHNOLOGY ST0123

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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 ST1241, ST1442

**Length/Credit:** 1 year 1.5 periods / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Engineering Drafting  
**Fee:** Yes  
**Other Info:** Honors grade weight

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 ST3121, ST3122

**Length/Credit:** 1 year-2 periods / 2.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Residential Maintenance and Repair, or Woods I, or consent of Instructional Coordinator  
**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 ST3023

**Length/Credit:** 1 semester / 0.5  
**Grade(s):** 9, 10, 11, 12  
**Prerequisite:** None  
**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** ST4121, ST4122

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

Woods I is an entry-level woodworking course that 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** ST4221, ST4222

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 10, 11, 12  
**Prerequisite:** Woods I  
**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** ST4321, ST4322

**Length/Credit:** 1 year / 1.0  
**Grade(s):** 11, 12  
**Prerequisite:** Woods II  
**Fee:** Yes

Woods III & 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.

# Study Hall / Resource

## **FULL PERIOD STUDY HALL**

**Course:** XS1001, XS1002

**Credit:** None

Quiet, formal study environment.

## **FORMAL STUDY/LUNCH**

**Course:** XL1001, XL1002

**Credit:** None

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

## **INFORMAL STUDY/LUNCH (Only at North High School)**

**Course:** XL1003, XL1004

**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 in which students learn study skills within the context of their classroom assignments in a small group setting. Because of the limited number of seats, students who have been identified for participation are given priority placement.



# Off Campus Offerings

## 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 2.5 credits per year toward their high school diploma. Classes meet two periods daily, except for the Cosmetology program which meets longer and students earn 3 credits. Several FVCC 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.

### Classes offered through FVCC:

**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**  
**Directed Study**

## EDUCATION TO CAREERS

E-T-C, also known as Tech Prep, offers a variety of career/college preparation opportunities for all students. E-T-C offers hands-on, work-based learning through internships, job shadowing, and apprenticeships at area businesses. Visit the E-T-C website at [www.elgin.edu/techprep2/index.asap](http://www.elgin.edu/techprep2/index.asap) 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, textbooks and most supplies are paid for by your school district. Transportation agreements vary by district or students provide their own.

In order for students to earn ECC credit for articulated courses they must meet the following criteria:

1. Take a course or courses that are a part of the agreement for District 303.
2. Receive a grade of A or B each semester.
3. Enroll at ECC in a degree-seeking program in the fall semester following graduation or within 27 months to receive credit for the appropriate ECC course/s.

### E-T-C courses are available in the following areas:

**Associate of Applied Science Degree Programs**  
**Arts and Communication**  
**Business, Management, and Computer Technology**  
**Health Services**  
**Public & Human Services**  
**Industrial & Engineering Technology**

# D303 School Calendar for 2007-2008

<b>August</b>	
Teachers' Institute Days	August 20, 21
First Day of Classes	August 22
<b>September</b>	
Labor Day Holiday	September 3
Teachers' Institute	September 14
<b>October</b>	
School Improvement Day	October 5
Columbus Day Holiday	October 8
End of 1 <sup>st</sup> Quarter	October 26
<b>November</b>	
K-12 Parent/Teacher Conferences	November 19
K-8 Parent/Teacher Conferences	November 20
High School Teachers' In-service	November 20
Non Attendance Day (Offices Open)	November 21
Thanksgiving Break	November 22-23
<b>December</b>	
Last Day of School in 2007	December 20
Winter Break	December 21-31
<b>January</b>	
Winter Break (continued)	January 1-4
School Resumes	January 7
End of 2 <sup>nd</sup> Quarter	January 17
Teachers' Work Day	January 18
Martin Luther King, Jr. Holiday	January 21
<b>February</b>	
Teacher Institute Day	February 15
Presidents' Day Holiday	February 18
<b>March</b>	
End of 3rd Quarter	March 21
Spring Break	March 31 – April 4
<b>April</b>	
School Resumes	April 7
K-5 only- afternoon Parent/Teacher Conferences (K-5 in classes AM)	April 10
School Improvement Planning	April 11
<b>May</b>	
Memorial Day Holiday	May 26
Last Day for Students if No "Emergency Days" are used	May 30
<b>June</b>	
Last Day for Students if 5 "Emergency Days" are used	June 6



St. Charles North High School ~ 255 Red Gate Rd. ~ St. Charles, IL 60175 ~ 630-443-5700



St. Charles East High School ~ 1020 Dunham Rd. ~ St. Charles, IL 60174 ~ 630-584-1100