

DISTRICT 300

High School Course Selection Guide 2018-2019

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Community Unit School District 300

Course Selection Guide for 2018-2019

Instructional Program

All freshmen establish four-year programs in consultation with parents and counselors. The freshman year of the program should include a ninth grade English course, an appropriate Mathematics course, an appropriate Science course, a World History course or AP Human Geography course, Physical Education, and at least one full year of course work in World Language, Art, Music, or Vocational Education. Four-year plans should be reviewed every year to make sure graduation requirements and other program requirements are being met. Students are advised to take courses, programs, and activities consistent with their interests and abilities without regard to their sex.

Advanced Placement (AP) Program

Advanced Placement Courses are offered in Biology, Chemistry, Environmental Science, Physics, English Literature and Language, Calculus, Psychology, US History, US Government, Human Geography, Macroeconomics, Spanish Language and Literature, Computer Science, Music Theory, Studio Art, and Art History, pending course enrollment. Courses in the Advanced Placement Program are college level studies. Students who register for these classes may take the qualifying examinations in May. The scores are sent to colleges designated by the student and are used for placement. In most cases, the opportunity of receiving college credit is available. There is a fee charged for each Advanced Placement examination a student takes.

Pre-Approval for Courses Taken Outside of District 300

Students currently enrolled in District high schools are eligible to apply 2 Carnegie units of correspondence or courses through other accredited institutions toward graduation, provided that:

- The student is currently enrolled as a high school student, or the student has been expelled, or the student is placed on a homebound program.
- The student assumes responsibility for all fees.
- The building Principal approves the course(s) in advance.

The student/institution must submit a certificate of successful completion of the course(s) in order to receive credit. Correspondence or distance learning courses are considered pass/fail and will not be included in the calculation of GPA. The District may pay the fee for eligible expelled students who are permitted to take virtual or online courses in alternative settings.

Pre-approved virtual or online courses taken on-site during the regular school day and/or in the district-approved night school or summer school program are generally considered 200-level weight, and are included in the calculation of GPA. This may be modified at the discretion of the Superintendent or designee. There is no limit to the number of Carnegie units to be applied toward graduation for pre-approved courses taken on-site during the regular school day and/or in the District after-hours program and District summer school program, and the District will assume responsibility for the fees for these courses.

iLearn Night Program

iLearn Program

The iLearn Education Program is conducted 100% by Computerized Instruction using the OdysseyWare program. OdysseyWare offers over 90 courses that are equivalent to courses offered at all D300 High Schools. The program allows students to work at their own pace without the pressures of the traditional class setting.

Program Philosophy

The iLearn Education Program is dedicated to servicing District 300 students that can benefit from a non-traditional educational setting or whose schedule constraints do not allow them to recover credits during the standard school day. The program is designed to provide a self-paced, computer based curricula aligned to District 300 standards which allows students to earn credits outside the standard school day. The iLearn Education Program student is:

- A person committed to daily attendance at school
- A person who is motivated for success academically, socially and behaviorally.
- A person who is able to see the value of education
- A person who succeeds outside a traditional classroom setting

Current District 300 enrolled students who are behind on credits or are looking to get ahead should discuss with their school counselor the option of attending the iLearn Education Program.

Eligibility/Application

Students who are interested in enrolling in the iLearn Educational Program must reside within the attendance boundaries of District 300. The program is offered at each of our high schools. Students not currently enrolled in a District high school must prove residency, re-enroll at their base building, and pay the current registration fees that apply to all students.

Schedule and Credits

The iLearn Educational Program is designed to offer students flexibility outside the regular school day. The program is offered at all three District 300 High Schools from 3:15 pm to 5:15 pm. Classes meet Monday through Friday and student are expected to attend ALL FIVE NIGHTS PER WEEK. Only documented obligations such as child-care, District 300 athletics/activities, or employment conflicts will be taken into consideration for not attending daily. Students will meet with their guidance counselors to select the course(s) they need to complete prior to beginning coursework.

Elgin Community College (ECC)

District 300 high school students are eligible to earn college credit at Elgin Community College in the following ways:

- Articulated Credits: successful completion of certain course sequences will result in earned college credits at ECC pending enrollment at ECC after graduation from high school. See the information on the page 6 for more info.
- Middle College: See the information on the next page for detailed info.
- Tech Prep Dual Credit Program: See the information on pages 6 and 7 for detailed info.
- Accelerated College Program: See information on page 8 for details.

Illinois Institute of Art - Schaumburg (ILIS)

District 300 high school students are eligible to earn college credit at Illinois Institute of Art - Schaumburg in the following way: Articulated Credits: successful completion of certain course sequences will result in earned college credits at ILIS pending enrollment at ILIS after graduation from high school. See the information on page 10 for more info.

ECC Middle College Program

[Click here to go to the Elgin Community College website](#) for more information about the Middle College Program.

Earn college credits and high school credits at the same time by taking selected ECC courses.

Who qualifies?

- High school seniors in the top 10 percent of their class or who have at least a 3.00 GPA.

When and where are classes taught?

- Weekday afternoon classes are taught on Elgin Community College's [Main Campus](#) during the fall and spring semesters.

How Do I Enroll?

- Talk to your counselor. Application and enrollment is completed through the guidance office at your high school.
- The school district and high school approve enrollment of their students. Enrollment is limited.
- Tuition is covered by the District.
- Students pay for the textbooks.

What classes can I take?

District 300 Middle College Program Choices for 2018-19

Course Name	Course ID	ECC Credits
Humanities	HUM 101	3
Psychology	PSY 100	3
Sociology	SOC 100	3
English Composition 1	ENG 101	3
English Composition 2	ENG 102	3
Calculus with Analytic Geometry 2	MTH 210	5
Calculus with Analytic Geometry 3	MTH 230	5
Japanese 1	JPN 101	3
Japanese 2 (Blended Format)	JPN 102	4

ECC Articulated Credit Program

[Click here to go to the Elgin Community College website](#) for more information about the Articulated Credit Program.

Some high school courses are linked with ECC courses in a variety of career and technical areas, and students may earn college credit for the high school course(s) by enrolling at ECC after graduation.

Each articulated high school course is the equivalent of an Elgin Community College course and meets the Elgin Community College course's learning objectives and/or task competencies. To receive college credit for these courses at Elgin Community College, the student must:

- Complete the articulated high school course (or, for some areas, the course sequence) with a final grade average of "B" or better each semester.
- Enroll at ECC in a degree-seeking program in the fall semester following graduation or later, within 27 months. The high school graduate is entitled to ECC college credit and to advanced placement at Elgin Community College and is able to enter the ECC course for which the articulated-credit course is the prerequisite.

District 300 Articulated Agreements		
High School Course(s)	ECC Course(s)	Credits
6824 & 6825: Accounting I	ACC 100: Introductory Accounting I	3
7801: Introduction to Transportation & Auto Technology	AUT 100: Small Engine Tune-Up, Overhaul & Diagnosis	4
7802: Automotive Technology II	AUT 152: Vehicle Maintenance and Tune-Up	3
6812 & 6813: Introduction to Business	BUS 100: Introduction to Business	3
6819 & 6820: Business Law	BUS 113: Business Law	3
7805: Computer Aided Design I 7806: Computer Aided Design II	CAD 108: Intro to Micro-CAD/AutoCAD	3
6810 and 6811: Web Site Construction	CIS 147: Internet Publishing	1
7851: Child Care & Development I and 7852: Child Care & Development II	ECE 174: Child Growth and Development	3
7858: Culinary Arts III	HOS 101: Introduction to the Hospitality Industry	3
6816: Marketing	MKT 103: Marketing	3
6817: Sales & Advertising	MKT 105: Sales	3
6801: Computer Keyboarding	OAT 101: Document Production I	3
6805 and 6806: Computer Applications	OAT 141: Spreadsheets I & OAT 142: Presentations I	2
6807: Computer Design 6805 and 6806: Computer Concepts & Software Applications	OAT 145: Desktop Publishing I	1
7817: Welding I	WEL 101: Welding I & WEL 102: Welding II	2

ECC Tech Prep Dual Credit Program

[Click here to go to the Elgin Community College website](#) for more information about the Tech Prep Dual Credit Program, or click on any of the links below to learn about the specific programs.

Students can participate in the Tech Prep Dual Credit Program at ECC during the school day and receive both high school and college credit. Enrollment in this program is limited.

How Do I Enroll?

- Talk to your counselor. Application and enrollment is completed through the counseling office at your high school.
- All dual credit students must complete the College Success reading assessment. Some programs and courses require minimum competencies and prerequisites. View the programs to find out additional College Success Reading and/or ALEKs scores.
- The school district and high school approve enrollment of their students. Enrollment is limited per program.
- Your high school pays for tuition and some pay for textbooks.
- The student pays for required supplies and fees.

What classes can I take?

ECC offers Tech Prep Dual Credit classes in over 20 career and technical areas. Students may choose to take classes in any of the following program areas:

- Accounting
- Automotive Services
- Basic Nurse Assistant
- Clinical Lab Technology
- Engineering/Computer - Aided Design
- Communication Design
- Computer and Information Science
- Criminal Justice
- Culinary Arts
- Early Childhood Education
- Entrepreneurship
- Fire Science and Safety - Fire Protection
- Fire Science and Safety - EMT Basic
- Graphic Design
- Health Professions: Preparation for Nursing, Physical Therapy Assistant, Surgical Technology
- Heating, Air Conditioning, and Refrigeration
- Industrial Manufacturing Technology
- Integrated Systems/Maintenance Technology
- Management
- Marketing and Retail Management
- Multimedia Design
- Office Administration Technology
- Paralegal
- Pastry Arts
- Public Safety Communications
- Restaurant Management
- Web Design
- Welding Fabrication Technology

D300 and ECC have collaborated on creating detailed Programs of Study in the following seven areas:

- Clinical Lab Tech Program of Study
- Early Childhood Education Program of Study
- Entrepreneurship Program of Study
- Nursing Program of Study
- Paralegal Program of Study
- Physical Therapist Assistant Program of Study
- Retail Management Program of Study

You can see more specific information regarding these Programs of Study at the end of this guide.

ECC Accelerate College

Accelerate College is a full-time dual credit program being offered at Elgin Community College. Qualified high school juniors and seniors will be able to enroll at ECC full-time and earn high school and college credit simultaneously. Students who enroll in Accelerate College have the potential to simultaneously receive both a high school diploma and Associates Degree upon high school graduation.

Program Qualifications:

- Current sophomore or junior year of high school at time of application
- Minimum cumulative high school GPA of 3.0 (unweighted)
- Score college-ready based upon ECC placement tests or ECC determined cut scores on SAT in reading, writing, and mathematics.
- Good attendance record
- Successful completion of entrance interview conducted at base high school

Is Accelerate College a good option for you?

- Students and their families should decide if Accelerate College is a good fit
- Students need the maturity and strong time management skills to complete assignments and plan ahead for exams, projects and papers
- School district pays tuition, but families are responsible for the cost of textbooks and supplies
- Reliable transportation is an important consideration.

How do I enroll?

- Talk to your counselor. Application and enrollment is completed through the guidance office at your high school.
- Enrollment is limited, with priority given to students applying to begin Accelerate College junior year.

ABC School of Cosmetology Programs

Earn post-secondary credits and high school credits at the same time by taking selected ABC courses, and work toward a license in one of the following areas:

- Nail Technology (one year certificate program - can be completed as a senior)
- Cosmetology (two year certificate program - the first year can be completed as a senior)
- Esthetics (two year certificate program - the first year can be completed as a senior)

Who qualifies?

- High school seniors.

When and where are classes taught?

- Weekday afternoon and/or evening classes are taught at the ABC School of Cosmetology (9213 South IL Route 31, Trinity Commons Shopping Center, Lake in the Hills, Illinois 60156) during the regular school year.

How Do I Enroll?

- Talk to your counselor. Application and enrollment is completed through the guidance office at your high school.
- The school district and high school approve enrollment of their students. Enrollment is limited.
- Tuition is covered by the District.
- Students pay for the textbooks and lab fees.

District 300 and Illinois Institute of Art–Schaumburg High School Course Articulations

Students may apply for articulated credit from the Illinois Institute of Art–Schaumburg for the following courses:

ILIS Course ID	Course Title	Credits	D300 Course ID	D300 Course Title
DPH114 or GD124	Principles of Photography or Digital Photography	4	8813 and 8814	Photography I and Photography II
FC101	Fundamentals of Design	4	8803 and 8804	2D Art and Design I
FC102	Fundamentals of Drawing	4	8805 and 8806	2D Art and Design II
FMM100	Survey of the Fashion Industry	4	7867	Fashion Merchandising
GD241	Image Manipulation	4	8826	Computer Art I
ID179	Elements of Interior Design	4	7862 and 7863	Living Environment / Interior Design and Living Environment / Residential Design
ID220	Computer Aided Design I	4	7805 and 7806	Computer Aided Design I and II

The awarding of credits shall be based on a completed application from the student, and a review/evaluation of the following:

1. The student must graduate from high school and have completed the course(s) above, with a grade of ‘B’ or higher;
2. The student must be accepted as a degree-seeking student within 24 months (2 years) of high school graduation;
3. The student must submit to the Transfer Credit Evaluation of IIA-S a completed Articulated Credit Application, including:
 - a. An official copy of high school transcript indicating the grade received in the course(s) listed above, as well as the date of high school graduation.
 - b. A letter of recommendation on school letterhead from the high school teacher and/or counselor confirming the student has achieved the knowledge and skills for the course competencies required.

Five pieces of artwork in any format demonstrating successful completion of the course competencies. Additional artwork might be required by the Academic Director.

District 300 High School Graduation Requirements

High school students who intend to pursue a Bachelor’s degree at public colleges/universities in Illinois are recommended to minimally take the following subjects in high school: English (4 years); Mathematics (3 years); Science (3 years); Social Sciences (3 years); and Art, Music, World Language, or Vocational Education (2 years). See individual college admission requirements for detailed information about each institution.

Freshman and sophomores are required to take seven academic classes per day and one Academic Support Period class (for no credit). Sophomores with an unweighted GPA of 3.0 or higher may opt out of ASP to take an additional course for credit.

Juniors and seniors are required to take six academic classes per day (in addition to senior study), but may elect to take seven academic classes per day (in addition to senior study) or eight classes per day (without senior study). See the next page for detailed information about late arrival and early dismissal options. Academic Support Period classes (for no credit) do not count as an academic class. Juniors and seniors have the option to take an Academic Support Period in addition to six or seven academic classes. Except in the case of freshmen and sophomores with a P.E. Exemption, students may not take more than one Academic Support Period per day. Students are required to have one lunch period per day.

Graduation Requirements (Class of 2019):

A minimum of 26.00 credits must be earned including the following:

Course	Grade	Length	Units
English	9, 10, 11, 12	Eight semesters	4.0 units
Mathematics++	9, 10, 11	Six semesters	3.0 units
Science	9, 10	Four semesters	2.0 units
Social Science	-	-	-
World History	9	Two semesters	1.0 units
Global Economics	10 or 12	One semester	0.5 units
American Government	10 or 12	One semester	0.5 units
US History	11	Two semesters	1.0 units
Physical Education	9, 10, 11, 12	Seven semesters	3.5 units
Health	10	One semester	0.5 units
Driver Ed Classroom++++	10	One semester	0.5 units

++ State law requires students to take Algebra and Geometry, leaving one additional elective math unit.

++++ No credit will be issued for students taking Driver’s Education privately, although course completion will be reflected on the transcript to fulfill the state requirements.

Graduation Requirements (Class of 2020 & Beyond):

A minimum of 26.00 credits must be earned including the following:

Course	Grade	Length	Units
English	9, 10, 11, 12	Eight semesters	4.0 units
Mathematics+	9, 10, 11	Six semesters	3.0 units
Science	9, 10	Four semesters	2.0 units
Social Science	-	-	-
AP Human Geography or World History	9	Two semesters	1.0 units
Global Economics++	10 or 12	One semester	0.5 units
American Government	10 or 12	One semester	0.5 units
US History	11	Two semesters	1.0 units
Physical Education+++	9, 10, 11, 12	Seven semesters	3.5 units
Health	10	One semester	0.5 units

+ State law requires students to take Algebra and Geometry, leaving one additional elective math unit.

++ Global Economics may be replaced with AP Macro Economics, Introduction to Business, or Personal Finance to fulfill the state consumer education requirement.

+++ Physical Education is required only for each semester a student is in attendance at a District 300 school, which may be less than 3.5 units if a student graduates early.

++++ Driver’s Education may be taken for course credit at the high school or for no credit if completed privately, although course completion will be reflected on the transcript to fulfill the state requirements.

Elective Strand Requirements (Class of 2019)

Strand requirements ensure that students graduating from District 300 schools receive a well-rounded education. This permits students to experience a variety of courses in numerous subject areas. All students must earn a minimum of 1.0 credit in each of the three strands to graduate.

Strand Number	Subject Areas
1	Art, World Language, Music
2	Electives in English, Math, Science, and Social Studies
3	Business, Family and Consumer Science, Industrial Technology

Elective Strand Requirements (Class of 2020 & Beyond)

Strand requirements ensure that students graduating from District 300 schools receive a well-rounded education. This permits students to experience a variety of courses in numerous subject areas. All students must earn a minimum of 1.0 credit in each of the three strands to graduate, although students have the ability to opt out of one of the three strand numbers to take additional elective(s) in the other two areas.

Strand Number	Subject Areas
1	Art, World Language, Music
2	Electives in English, Math, Science, and Social Studies
3	Business, Family and Consumer Science, Industrial Technology

Total Credits and Grade Level

A student's grade level is determined by the number of credits the individual has earned throughout high school. The following identifies the number of credits required to reach the next grade level.

Grade Level	Total Credits
Sophomore	6
Junior	12
Senior	18

Late Arrival and Early Dismissal

Minimum number of classes per day:

- Juniors must be minimally enrolled in the equivalent of **seven class periods per day**. If they are on track to graduate (see below), juniors may choose late arrival or early dismissal (one period only per day) instead of an eighth class.
- Seniors must be minimally enrolled in the equivalent of **six class periods per day**. If they are on track to graduate (see below), seniors may choose late arrival or early dismissal (one or two periods per day) instead of a seventh or eighth class.

Requirements:

- There is no application form
- Eligible students must have an unweighted GPA of 2.5 or higher. Also, students with an "F" in any class as a junior or senior are ineligible for late arrival or early dismissal in the semester immediately following the failing grade.
- Students with late arrival are not to arrive at school prior to the start of their first class; students with early dismissal must immediately leave campus.
- Students with late arrival/early dismissal must provide their own transportation.
- Late arrival/early dismissal options:
 - Late arrival after 1st period (0011LA and 0012LA) - grades 11 and 12
 - Late arrival after 2nd period (0021LA and 0022LA) - grade 12 only
 - Early dismissal after 8th period (0081ER and 0082ER) - grades 11 and 12
 - Early dismissal after 7th period (0071ER and 0072ER) - grade 12 only
- Students must be on track to graduate in terms of number of credits:
 - Juniors must have a minimum of 13 credits to be eligible for late arrival after 1st period or early dismissal after 8th period
 - Seniors must have a minimum of 20 credits to be eligible for late arrival after 2nd period or early dismissal after 7th period
 - Seniors must have a minimum of 19 credits to be eligible for late arrival after 1st period or early dismissal after 8th period

High School Testing Program

College Entrance Examinations

- College entrance examinations are usually taken during junior year or senior year. Applications for the Scholastic Aptitude Test (SAT) and the American College Test (ACT) are available on line at www.collegeboard.com and www.ACTstudent.org. If you do not have internet access, see the school counselor.
- Students planning to take the SAT are advised to prepare for the test by enrolling in a course designed especially to enhance performance on the SAT. District 300 offers an evening course annually. Information about the course (tuition, registration, location) will be available during the first semester from the school counselor.
- The SAT serves as a State testing requirement on the school-day SAT. This is administered in April of junior year. Students must complete the school SAT testing as a graduation requirement.

Constitution Test

- In order to fulfill Section 27-3 of The School Code of Illinois, District 300 requires that all high school students pass an examination on the Declaration of Independence, the Constitution of the State of Illinois, the Constitution of the United States, and voting procedures. The test is given as part of the American Government course.

Grading Procedures

Students receive report cards at the end of each semester. Only the grades entered at the end of a semester are included on the student's permanent record.

Letter Grades

- A** This is an excellent grade indicating superior work. A student earning an 'A' not only meets the course objectives in an exceptional manner, but displays a high degree of initiative, interest, and originality.
- B** This is a commendable grade indicating above average work. A student earning a 'B' meets the course objectives and consistently does quality work.
- C** This grade indicates that a student does average work and meets the course objectives.
- D** This grade represents work of below average quality. A grade of 'D' indicates to the student that the objectives of the course are not being met and improvement is needed.
- F** This is a failing grade indicating that the student has not met the minimum requirements of the course. No credit is given.

The following numerical scale is used when determining letter grades:

100-90% = A	89-80% = B	79-70% = C	69-60% = D	below 60% = F
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Weighted Grade Policy

The following grade point values are used:

Grade	Unweighted GPA	500-level (AP) (+2.5)	400-level (+2)	300-level (+1.5)	200-level (+1)
A	4	6.5	6	5.5	5
B	3	5.5	5	4.5	4
C	2	4.5	4	3.5	3
D	1	3.5	3	2.5	2
F	0	0	0	0	0

All courses are included in determining cum laude, magna cum laude, and summa cum laude distinction. To qualify, students must meet the cumulative grade-point averages specified below and have no failures or incompletes. Honors recognition will be awarded as follows:

- Cum Laude = 3.50 to 3.69 GPA (unweighted)
- Magna Cum Laude = 3.70 to 3.84 (unweighted) + other factors
- Summa Cum Laude = 3.85 to 4.00 GPA (unweighted) + other factors

The weighted grade point average for transfer students is determined by the principal/counselor at the time of entry. Grade point value for students on homebound instruction will be determined by the building principal and counselor.

Homework

Student achievement can rise significantly when teachers regularly assign homework and students conscientiously do it. Homework at the high school level requires approximately two hours for the average student to complete. [Students in 500-level and 400-level courses should expect to dedicate more time to homework and studying.](#) Students should follow these guidelines for completing homework.

1. Listen carefully and follow the directions provided by teachers.
2. Use study aids and materials provided by teachers and parents.
3. Use time efficiently. Plan ahead. Do not wait until the last minute to do long-range assignments.
4. Complete your part of an assignment that involves the cooperation of one or more of your classmates.
5. Study in a well-lit, distraction-free area.
6. Study at a specific time daily.
7. Discuss homework assignments with your parents.
8. Talk with teachers if you have problems completing homework.
9. Be neat, organized, and keep track of school materials and assignments.



Pathway Programs

The District 300 Pathway Programs offer students twelve unique pathways to college and career success. Completion of pathway will provide students with real world knowledge, experience, and skills to thrive in college classrooms, and to compete for 21st century careers.

Pathways are offered at District 300 high schools as listed below:

Dundee-Crown	Hampshire	Jacobs
Early Childhood and Education	Advanced Manufacturing	Digital and Print Production
Electrical Technology	Early Childhood and Education	Graphic Design
Elementary and Secondary Education	Elementary and Secondary Education	Information Technology and Computer Science
Entrepreneurship	Welding Technology	Web Design and Development
Pre-Law		
STEM/Engineering		

Please see your counselor, or visit www.d300.org/Pathways for additional information.

Physical Education Exemption Policy

Board Policy 7:260 - Exemption from Physical Activity

In order to be excused from participation in physical education, a student must present an appropriate excuse from his or her parent/guardian or from a person licensed under the Medical Practice Act. The excuse may be based on medical or religious prohibitions. State law prohibits a school board from honoring parental excuses based upon a student's participation in athletic training, activities, or competitions conducted outside the auspices of the School District.

With written parental permission and school administrative approval, students in grades 11 and 12 may be excused from engaging in physical education courses for any of the following reasons:

1. Ongoing participation in an interscholastic athletic program;
2. To enroll in academic classes which are required for admission to an institution of higher learning, provided that failure to take such classes will result in the student being denied admission to the institution of his or her choice; or
3. To enroll in academic classes which are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate.

With written parental permission and school administrative approval, students in grades 9 through 12 enrolled in an ongoing marching band program for credit may be excused from engaging in physical education courses.

Special activities in physical education will be provided for a student whose physical or emotional condition, as determined by a person licensed under the Medical Practice Act, prevents his or her participation in the physical education course.

Procedure for exemption from daily P.E. on the basis of participation in interscholastic athletics (grades 11 and 12 only) or on the basis of participation in marching band (grades 9 through 12)

A form (available from your counselor) must be filled out; a new form must be completed each year. Student and parent signatures are required. Submit completed form to your counselor by the deadlines listed below.

Deadlines:

- For the fall semester: no later than February 15 of the preceding school year.
- For the spring semester: no later than October of the current school year.

Limitations:

- A signature from the head coach or band director is required.
- Interscholastic athletics: At the start of the season, participation will be verified by the head coach. If the student voluntarily withdraws from participation, or if the student is cut from the team, the exemption will no longer be valid. If this occurs after the first week of the semester, the student will not be moved to a P.E. class, but will be required to enroll in the equivalent P.E. class in summer school or in a subsequent term.
- Marching band: At the start of the school year, participation will be verified by the band director. If the student voluntarily withdraws from participation, the exemption will no longer be valid. If this occurs after the first week of the semester, the student will not be moved to a P.E. class, but will be required to enroll in the equivalent PE class in summer school or in a subsequent term.

If exemptions are granted, the student must replace the P.E. class in the appropriate semester as follows:

- Juniors and seniors have the following options:
 - One period of late arrival (transportation is the responsibility of the student); or
 - One period of early dismissal (transportation is the responsibility of the student); or
 - One period of an additional elective class; or
 - One Academic Support Period (ASP) - maximum one per semester.
- Freshmen and sophomores have the following options:
 - One period of an additional elective class; or
 - One Academic Support Period (ASP) - maximum two per semester.

Procedure for exemption from daily P.E. for all other reasons listed in Board Policy 7:260

- Written parental permission, appropriate documentation as determined by school personnel, and school administrative (principal) approval is required.

Sex Equity Policy

Statement of Policy

District 300 does not discriminate on the basis of sex in the provision of programs, activities, services, or benefits. It guarantees both sexes equal access to educational and extracurricular programs and activities.

Grievance Procedure

A grievance is defined as a complaint by an individual alleging that the District, an administrator, employee, or student, has discriminated against a student or students on the basis of their sex. An initial attempt shall be made to resolve any grievance in an informal meeting between the grievant and the Principal of the attendance center involved.

A grievance concerning the act of any administrator involved in the grievance procedure shall initially be filed at the step of the grievance procedure immediately after the step in which the administrator is involved.

If the grievance cannot be resolved informally, these steps shall be followed:

Step 1. The grievant shall present the grievance in writing to the Principal of the attendance center involved no later than twenty (20) business days (defined as days when the Administrative Office of the District is open) after the occurrence of the alleged act or conduct. The Principal will arrange for a meeting to take place within ten (10) business days after receipt of the grievance, which meeting shall be attended by the Principal, and the grievant, and any person whose assistance is requested by the Principal or grievant may also attend. The Principal shall, within ten (10) business days after the meeting, provide the grievant and the Superintendent with a written decision setting forth the disposition of the grievance and any corrective action deemed necessary to eliminate the conduct grieved. The decision shall contain reasons upon which the disposition of the grievance was based.

Step 2. If the grievant is not satisfied with the disposition of the grievance at Step 1, or if the Principal fails to issue a written decision within the time limits specified in Step 1, the grievant may thereafter refer the grievance to the Superintendent within ten (10) business days of the date of the Principal's decision or the date the decision was to be issued. The Superintendent shall then, within ten (10) business days of receipt of the referral, arrange for a meeting between the same parties who were present in Step 1. Upon the conclusion of the meeting, the Superintendent shall have fifteen (15) business days in which to provide the grievant with his/her written decision setting forth the disposition of the grievance and any corrective action deemed necessary to eliminate the conduct grieved. The decision shall contain reasons upon which the disposition of the grievance was based.

Step 3. If the grievant is not satisfied with the disposition of the grievance at Step 3, or if the Superintendent fails to issue a written decision within the time limits specified in Step 3, the grievant may thereafter refer the grievance to the Board of Education within ten (10) business days of the date of the Superintendent's decision or the date the decision was to be issued. Upon request by the grievant, the Board shall within thirty (30) business days, permit the grievant to present his/her grievance to the Board. Each party may present evidence and testimony to develop the facts pertaining to the grievance. The Board shall, within thirty (30) business days, provide the grievant with its written decision setting forth the disposition of the grievance and any corrective action deemed necessary to eliminate the conduct grieved.

Step 4. If the grievant is not satisfied with the disposition of the grievance at Step 3, or if the Board of Education fails to issue a timely decision, the grievant may appeal the decision to the Superintendent of the Educational Service Region pursuant to Section 3-10 of the Illinois School Code. (ILL. Rev. Stat., ch. 122. par. 3 - 10).

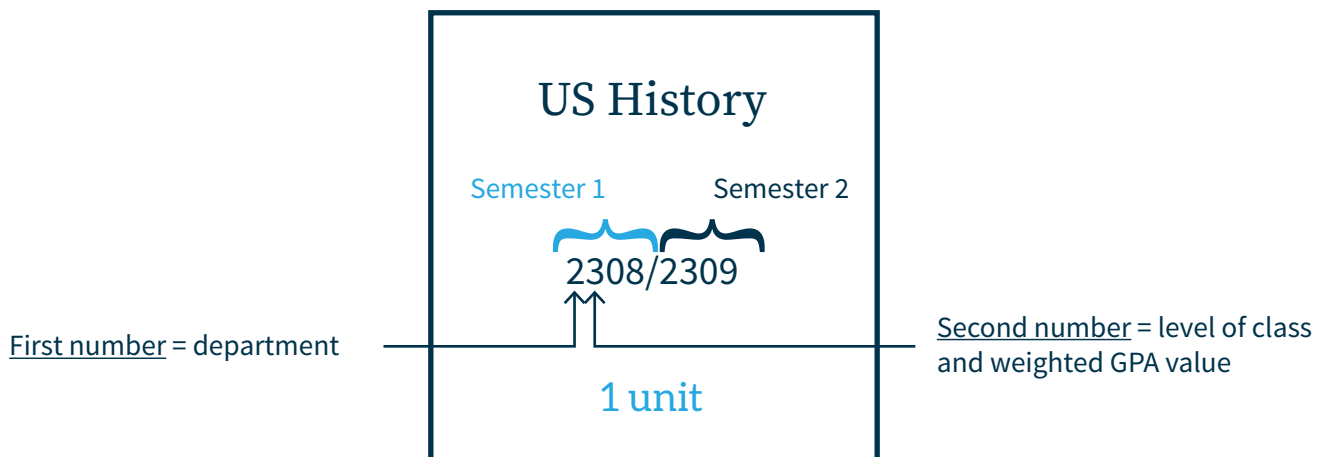
Step 5. If the grievant is not satisfied with the disposition of the grievance at Step 4, the grievant may appeal the decision to the State Superintendent of Education pursuant to Section 2 - 3.8 of the Illinois School Code. (ILL. Rev. Stat., ch. 122. par. 2 - 3.8). The District shall maintain records documenting each grievance and its disposition; such records shall be made available to State Board enforcement authorities upon request.

Should either party to the grievance procedure wish to employ counsel or a court reporter, it shall be done at the party's own expense. No reprisal shall be taken against any person for participating or refusing to participate in the grievance process, provided that, if a refusal to participate constitutes insubordination, such refusal may be subject to normal disciplinary procedures.

Course Numbering System and Weighted GPA Values

District 300 Course Numbering System	
Department	
1000 - English/ESL	
2000 - Social Science	
3000 - Math	
4000 - Science	
5000 - World Languages	
6000 - Business Education	
7000 - Industrial Education; Family and Consumer Sciences	
8000 - Art; Music	
9000 - P.E./Health/Driver Education	
Level of Class and Weighted GPA Value	
_200 - General Education	GPA weight = +1
_300 - College and Career Readiness	GPA weight = +1.5
_400 - Honors Level	GPA weight = +2
_500 - Advanced Placement (AP)	GPA weight = +2.5
_800 - Elective or P.E.	GPA weight = +1.5

Example



Art

Core Classes

Art Fundamentals (8801/8802)

2D Art and Design I (8803/8804)

2D Art and Design II (8805/8806)

3D Art and Design I (8830/8831)

3D Art and Design II (8832/8833)

Photography I (8813)

Photography II (8814)

Photography III (8815)

Photography IV (8816)

Computer Art I (8826)

Computer Art II (8827)

Computer Art III (8828)

Computer Art IV (8829)

Studio Art (8811/8812)

AP Studio Art (8530/8531)

AP Art History (8526/8527)

Foundations of Graphic Design (7847/7848) (JHS only)

Core Courses: Art

Art Fundamentals (8801/8802)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

In this year-long introductory class, students will utilize the Elements and Principles of Design through a wide variety of art media such as drawing, ceramics, printmaking, painting, sculpture and metals. This class is designed to provide students with the foundation necessary to expand into more specialized areas.

2D Art and Design I (8803/8804)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Art Fundamentals or senior class standing.

Other Info: Articulated with Illinois Institute of Art FC101 (Fundamentals of Design).

Students will learn and practice various two dimensional methods of art creation, including but not limited to drawing, painting, printmaking and mixed media. Emphasis is placed on composition, technical drawing and painting, observational drawing and painting, color theory application, and developing a creative voice. Students will focus on learning a range of techniques and building on their foundation. Students will also learn about art history and discuss trends that have affected culture. Students will engage in art criticism of professional and personal works.

2D Art and Design II (8805/8806)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Art Fundamentals and 2D Art and Design I.

Other Info: This course may be repeated for credit. Articulated with Illinois Institute of Art FC102 (Fundamentals of Design).

Students will build on and begin to master a variety of concepts and approaches in drawing and painting and other two-dimensional techniques where they will explore their creative voice in creation. Students will demonstrate a range of ability and versatility. Students will focus on quality, concepts and compositional mastery. Emphasis will be placed on art as an ongoing process of creation that involves critical thinking, decision making and problem solving with abstract concepts.

3D Art and Design I (8830/8831)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Art Fundamentals or senior class standing.

Students will learn and practice various three dimensional media and techniques, including, working with clay, sculpture, metal, wire, glass work, carving and many more. Emphasis will be based on foundational skills and techniques needed to express artistic ideas of creation. Students will explore abstract concepts and use problem solving and critical thinking skills from idea to design to completion. Wheel throwing will be introduced in this course.

3D Art and Design II (8832/8833)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Art Fundamentals and 3D Art and Design I.

Other Info: May be repeated for credit. Students will demonstrate knowledge and practice toward mastery in methods of three-dimensional creation with techniques and materials. Students will explore more complex ideas and continue to build on problems solving skills to construct their designs. Students will exhibit a personal voice through their works and concepts. Students will critique and analyze art history and contemporary art and utilize it in their designing process. Students will be encouraged to take risks and explore with three-dimensional mediums they have previously learned to show their voice.

Photography I (8813)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: Art Fundamentals or senior class standing.

Other Info: Students taking this course at Jacobs High School are strongly recommended to have a digital camera. Students at Dundee-Crown and Hampshire are required to have a 35mm Single Lens Reflex Camera or a digital camera.

If taken with Photography II, this is articulated with Illinois Institute of Art DPH 114 (Principles of Photography) or GD 104 (Digital Photography). Students will learn and practice digital and manual techniques of photography. Students

will capture successful compositions and analyze them while learning the elements and principles of design. Students will learn about the history of photography. Students will utilize Adobe Photoshop, Illustrator and other components of Creative Suite 6.

Photography II (8814)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: Art Fundamentals and Photo I.

Other Info: Students taking this course at Jacobs High School are required to have a digital camera. Students at Dundee-Crown and Hampshire are required to have a 35mm Single Lens Reflex Camera or a digital camera. If taken with Photography I (8813), this is articulated with Illinois Institute of Art DPH 114 (Principles of Photography) or GD 104 (Digital Photography).

Emphasis will be on purposeful use of elements and principles to create and or capture compositions. Student will explore subjects that inspire their personal voice or they find aesthetically stimulating. At D-CHS and HHS, students will learn dark room methods, materials and techniques. At Jacobs, students will continue to build upon previous digital techniques.

Photography III (8815)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: Art Fundamentals and Photography II.

Other Info: Students taking this course at Jacobs High School are required to have a digital camera. Students at Dundee-Crown and Hampshire are required to have a 35mm Single Lens Reflex Camera or a digital camera.

Emphasis will be for students to be intentional about their compositions and subjects. Students will learn about a thematic body of work and start work towards portfolio creation.

Photography IV (8816)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: Art Fundamentals and Photography III.

Other Info: Students taking this course at Jacobs High School are required to have

a digital camera. Students at Dundee-Crown and Hampshire are required to have a 35mm Single Lens Reflex Camera or a digital camera.

Students will create a body of work to present in a portfolio format with emphasis on concept and themes.

Computer Art I (8826)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: Art Fundamentals.

Other Info: Articulated with Illinois Institute of Art DPH 241 (Image Manipulation).

Students will explore computer art and design. Projects will be created primarily on Adobe Photoshop using techniques and tools for the creation of computer art, design layout, and image manipulation. Areas such as computer generated design, typography, advertising design, and printing will be explored. This course introduces students to Photoshop and other imaging software as a design tool and a means of producing finished art work. Study and production in the areas of digitized photographic images, visual communications, and drawing and design will be included in the course.

Computer Art II (8827)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: Art Fundamentals and Computer Art I.

Students will apply techniques and tools for the creation of computer art, design layout, using the web as an advertising tool, image manipulation, and digital drawing reference. Areas such as computer generated design, typography, advertising design, and printing will be explored. Students will use Photoshop and Dreamweaver to create designs for advertising and artistic concepts. Students will be introduced to more complex concepts and techniques of graphic design and illustration.

Computer Art III (8828)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Prerequisite: Computer Art II.

Students will apply techniques and tools for the creation of computer art, design layout, using the web as an

advertising tool, image manipulation, and digital drawing. Areas such as computer generated design, typography, advertising design, and printing will be explored. Students will use Photoshop, Illustrator, and Dreamweaver to create designs for advertising and artistic concepts.

Computer Art IV (8829)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Prerequisite: Computer Art III.

Students will create a body of work to present in a portfolio format with emphasis on concept and themes.

Studio Art (8811/8812)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Art Fundamentals; and 2D Design I or 3D Design I; and 2D Design II or 3D Design II; and teacher recommendation or divisional approval.

Other Info: Can be taken with or without concurrent enrollment in AP Studio Art. This is a capstone course. Students will determine a technique or medium of focus, for example, drawing, painting, ceramics, metals, mixed media, etc. They will demonstrate mastery of that process throughout the year and create a body of work while forming their personal artistic voice. Students will be encouraged to take risks and explore with different techniques, concepts and compositional approaches. Students will be working toward creating a body of work suitable to use as a portfolio for college entry.

AP Studio Art (8530/8531)

Length/Credit: 2 semesters/1.0 unit

Grade: 12

Prerequisite: Art Fundamentals; and 2D Design I or 3D Design I; and 2D Design II or 3D Design II; and teacher recommendation or divisional approval. Portfolio application process begins in first semester of junior year.

Other Info: Recommended to be taken concurrently with Studio Art. Advanced Placement Studio Art is a yearlong college-level art-making and portfolio development experience for serious art students. In this class, students discuss and evaluate their work, explore and formulate new ideas to strengthen the content of their work, and study the work of experienced artists

through slides, the internet, field trips, and selected readings. Demonstrations of new techniques are presented on an individual basis to further a student's art-making. Students choose one area of concentration early in the year and prepare one of the following portfolios for submission to the College Board in the spring: Drawing, 2-Dimensional Design, or 3-Dimensional Design. Students should expect to continue to work on artwork and projects outside of class. This requires a commitment of 3 to 4 hours per week.

AP Art History (8526/8527)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Students will explore the nature of art, its uses and meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history. Upon completion of the class, students are encouraged to take the AP exam for possible college credit.

Foundations of Graphic Design (7847/7848)

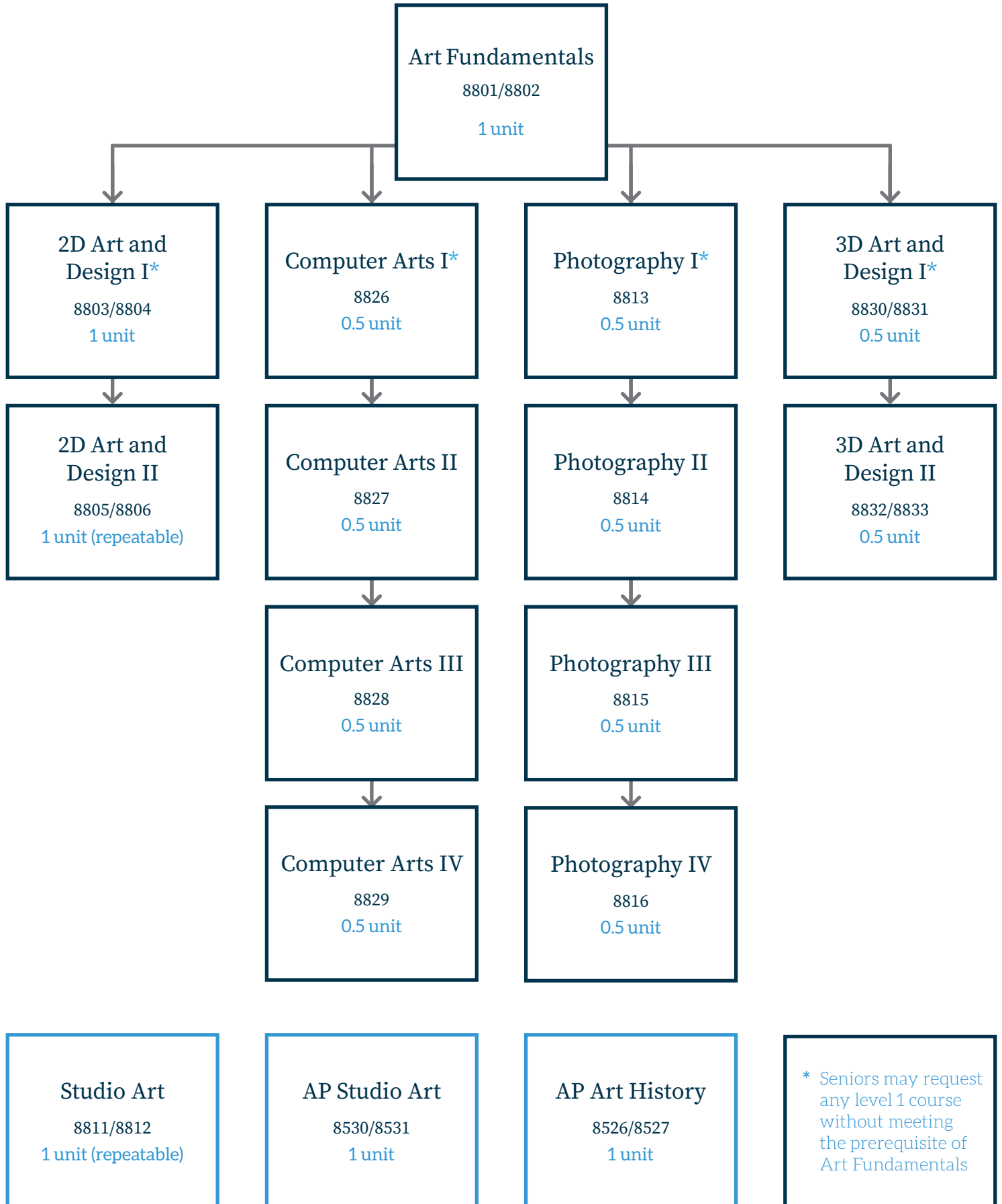
Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11

Other Info: JHS only.

Students will explore computer art and design; emphasis will be placed upon theories and processes that make up graphic design. Projects will be created primarily in Adobe Creative Suite using techniques and tools for the creation of computer art, design layout, and image manipulation. Areas such as computer generated design, typography, advertising design, and printing will be explored. Study and production in the areas of digitized photographic images, visual culture and communications, and drawing and design will be included in the course.

Academics | ART



Business Education

Core Classes

Computer Keyboarding (6801) *(lab based)*

Computer Applications (6805/6806) *(lab based)*

Computer Design (6807) *(lab based)*

Multimedia I (6808) *(lab based)*

Multimedia II (6809) *(lab based)*

Web Development (6810/6811) *(lab based)*

Advanced Web Development (6836/6837) *(lab based)* (JHS only)

Introduction to Business (6812/6813)

Marketing (6816)

Sales & Advertising (6817)

Business Law (6819/6820)

Business INCubator (6822/6823) (DCHS only)

Business INCubator 1.5 (6830/6831) (DCHS only)

Business ACCELerator (6832/6833) (DCHS only)

Accounting I (6824/6825)

Accounting II (6827 /6828)

Personal Financial Concepts (6815)

Essential Technology (6884/6885)

Cooperative Work Program-Classroom (6851/6852)

On-the-Job Work Program (6856/6857)

D300 Internship Program-Semester 1 (6869)

D300 Internship Program-Semester 2 (6870)

Digital and Print Production I (6840/6841) (JHS only)

Core Courses: Business Education

Computer Keyboarding (6801)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC OAT 101 (Document Production I).

Emphasis is on technique, keying rate, numeric keypad proficiency and error correction. Basic skills in proofreading, formatting letters, reports and tables using computer software will be developed. Internet safety and web searching skills will be discussed.

Computer Applications (6805/6806)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC OAT 141(Spreadsheets I) and OAT 142 (Presentations I).

This course integrates word processing, spreadsheets, databases, and presentations. The Microsoft Office suite is taught using Word, Excel, PowerPoint, Access, and Publisher. Students will develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing, and management.

Computer Design (6807)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC OAT 145.

This course utilizes the Internet and multi-media software to develop and create brochures, invitations, calendars, signs, and advertisements. The primary software used is Adobe InDesign and Adobe Illustrator. Students will create, format, illustrate, design, edit, and print publications.

Multimedia I (6808)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Students design logical, creative frames and screen presentations incorporating sounds, graphics, animations, paint and draw programs. Software used: Photoshop, Web Blender, Frames 4, Audacity, Mixcraft and Comicliffe.

Multimedia II (6809)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Students create more advanced screen presentations, video editing, video special effects, sound editing, music editing, finalizing video for DVD format, Podcasting, and basic game design. Software used: WebBlender, Audacity, Mixcraft and Adobe Master Collection CS4 (Photoshop, Soundbooth, After Effects, Premier Pro, Encore, Contribute and On Location).

Web Development (6810/6811)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC CIS 147 (Internet Publishing).

Web Site Construction instructs students how to design and develop web sites. Students will use html language, graphics, buttons, and make animated movies to build web pages. Software used: Dreamweaver, Fireworks and Flash.

Advanced Web Development (6836/6837)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Web Development (6810/6811).

Other Info: JHS only.

This course is intended for students looking to build their skills in website development as part of the Web Design and Development Pathway. Students will learn advanced concepts of website development and design focusing on real world applications. Students will focus on advanced web page design with CSS, dynamic websites and HTML5 and advanced JavaScript programming.

Introduction to Business (6812/6813)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10

Other Info: Articulated with ECC BUS 110 (Introduction to Business).

Students will become acquainted with forms of business organization, small business ownership, human resources, marketing, and management. Get the information you need to buy and insure

a car, obtain credit, save and invest your money, and manage a checking account.

Marketing (6816)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Other Info: Articulated with ECC MKT 103 (Marketing).

Students will demonstrate knowledge of the scope and importance of the field of marketing and distribution. Students will develop a basic knowledge, attitude and skills needed for entering the field of marketing and management. Students will be introduced to marketing research, product design, pricing, packaging, publicity, international marketing, and entrepreneurship.

Sales & Advertising (6817)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Other Info: Articulated with ECC MKT 105 (Sales).

Students will demonstrate a broad knowledge and understanding of the general principles of advertising and sales. The student will be prepared, as realistically as possible, for the business world. Students will discuss communication skills, advertising, publicity, sales promotion, and advertising layout. The student will complete an oral sales presentation as the culminating activity for the class.

Business Law (6819/6820)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Other Info: Articulated with ECC BUS 113 (Business Law).

Students will identify law as it applies to our common experiences. Students will investigate the nature and kinds of laws; civil vs. criminal law, courts and the court system, legal rights and duties, how contracts are made, and when they are void or voidable. Students will compare and contrast buyer and seller, legal relations, the differences between real property and personal property, and landlord and tenant legal relations. Students will investigate the rights of holders of commercial paper and the liability of parties involved, including bailments, warranties, and product

liability. Students will become engaged in a Mock Trial, playing the roles involved in a trial.

Business INCubator 1 (6822/6823)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Other Info: DCHS only.

The Business INCubator Program offers students an authentic entrepreneurship experience. In this program, students have the opportunity to create and fully develop their own product or service. Real entrepreneurs and business experts serve as volunteer coaches and mentors guiding student teams through the Lean Startup processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and further iteration. The program also includes foundational business topics such as marketing and finance.

Business INCubator 1.5 (6830/6831)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Business INCubator 1 & teacher approval.

Other Info: DCHS only.

Students who have completed Business INCubator 1 may continue to a second year program where they will continue to work on adapting their business plan to further enhance their business.

ACCErator (6832/6833)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Business INCubator 1 & teacher approval.

Other Info: Dundee-Crown only.

Students who have been granted funding on their start-up business in INCubator 1 will continue on to a second year program where they will continue to work with their mentors to fully develop their business.

Accounting I (6824/6825)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Other Info: Articulated with ECC ACC 100 (Introductory Accounting I).

Students will develop skills beginning with an understanding of the basic

elements and concepts of double-entry accounting systems. Skills will include knowledge of the accounting cycle, entering transactions in journals, posting to ledgers, compiling end-of-period worksheets, adjusting and payroll systems, and writing communication examples.

Accounting II (6827 /6828)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: 6824/6825.

Students will analyze transactions involving departmental purchases, sales, cash receipts, and payments. Students will learn different methods of reporting prepaid and accrued expenses and income. Students will complete a simulation on partnerships and corporate financial activities. The student is exposed to transactions affecting capital stocks and bonds and corporate financial reports. The student becomes familiar with the basic principles of cost accounting found both in a service and a manufacturing business. The student will also be able to make basic management decisions by analyzing financial statements to determine what financial changes have taken place from one fiscal period to the next.

Personal Financial Concepts (6815)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

This course is designed to enable the student to recognize the role he/she plays as a consumer in our economy. Emphasis will be placed upon current consumer issues and decisions. Students will learn about housing, automobiles, informed and skillful buying, and money and investments. This course enables students to become educated consumers in our society.

Essential Technology (6884/6885)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Students will provide first-line technical support resolving general device problems. Students will be trained to support end-users to ensure that all calls and problems are dealt with quickly and

effectively. Troubleshooting hardware, basic network concepts, supporting new technologies, and repairing devices are taught in a hands-on class atmosphere. Students gain an understanding of how a help desk functions and the role of customer service in today's world of technology.

Cooperative Work Program-Classroom (6851/6852)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Teacher or divisional recommendation.

In the classroom portion of the Work Program, students will complete the process of finding a job, beginning a job, keeping a job, and leaving a job. Students will gain an understanding of the importance of human relation skills, communication skills, and mathematical skills needed to be a success in the world of work. Students will investigate the legal aspects of employment.

On-The-Job Work Program (6856/6857)

Length/Credit: 2 semesters/1.0 unit

(depending on the job, this may be extended to a double period for 2.0 units-may also be combined with early release in order to maximize time on the job).

Grade: 11, 12

Prerequisite: Teacher or divisional recommendation.

In On-The-Job, the student is placed in a job approved by the teacher/coordinator. The student is required to work at a part-time job a minimum of 15 hours per week. The job is a training station and credit is given for on-the-job training.

District 300 Internship Program (Semester 1-6869; Semester 2-6870)

Length/Credit: May be taken for 1 semester/1.0 units or 2 semesters/2.0 units (each semester is scheduled as a double period, may also be combined with early release in order to provide robust internship experience).

Grade: 11, 12

Prerequisite: 2.5 unweighted GPA (cumulative).

Other Info: An application and interview are required prior to enrollment in the program for the following school year. The District 300 Internship Program is a partnership between the high schools and the industrial, business, professional and service communities of the Fox Valley area. The program provides students with an opportunity for hands-on career exploration allowing them to observe daily operations, dialogue with personnel, and gain an understanding about how a particular job/career functions within a total system. Interns receive credit per semester per district guidelines. Interns are not paid and devote a total of 55 to 65 hours over a semester to their internship (ten hours are spent doing career related course work with the program coordinator). An application and interview are required prior to enrollment in the program for the following school year.

Digital and Print Production I (6840/6841)

Length/Credit: 2 semesters/1.0 unit

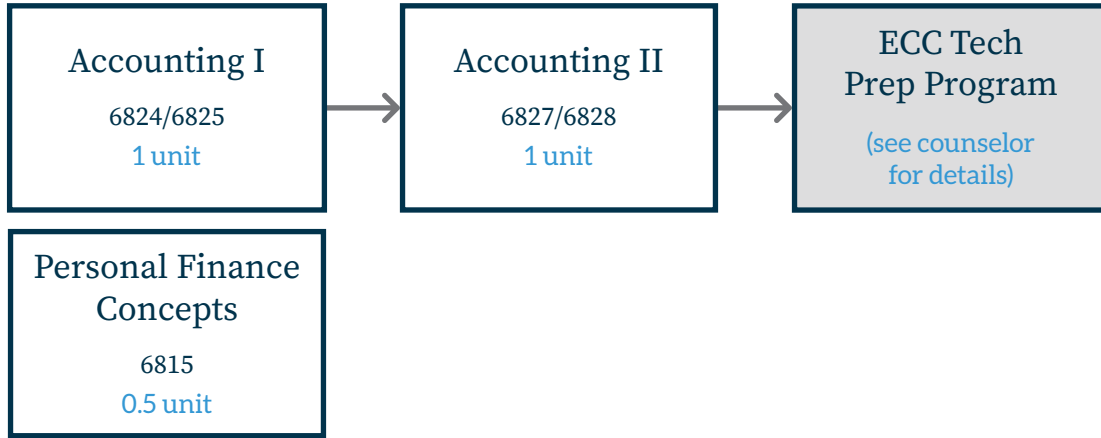
Grade: 10, 11

Prerequisite: C or higher in Foundations of Graphic Design (7847 /7848).

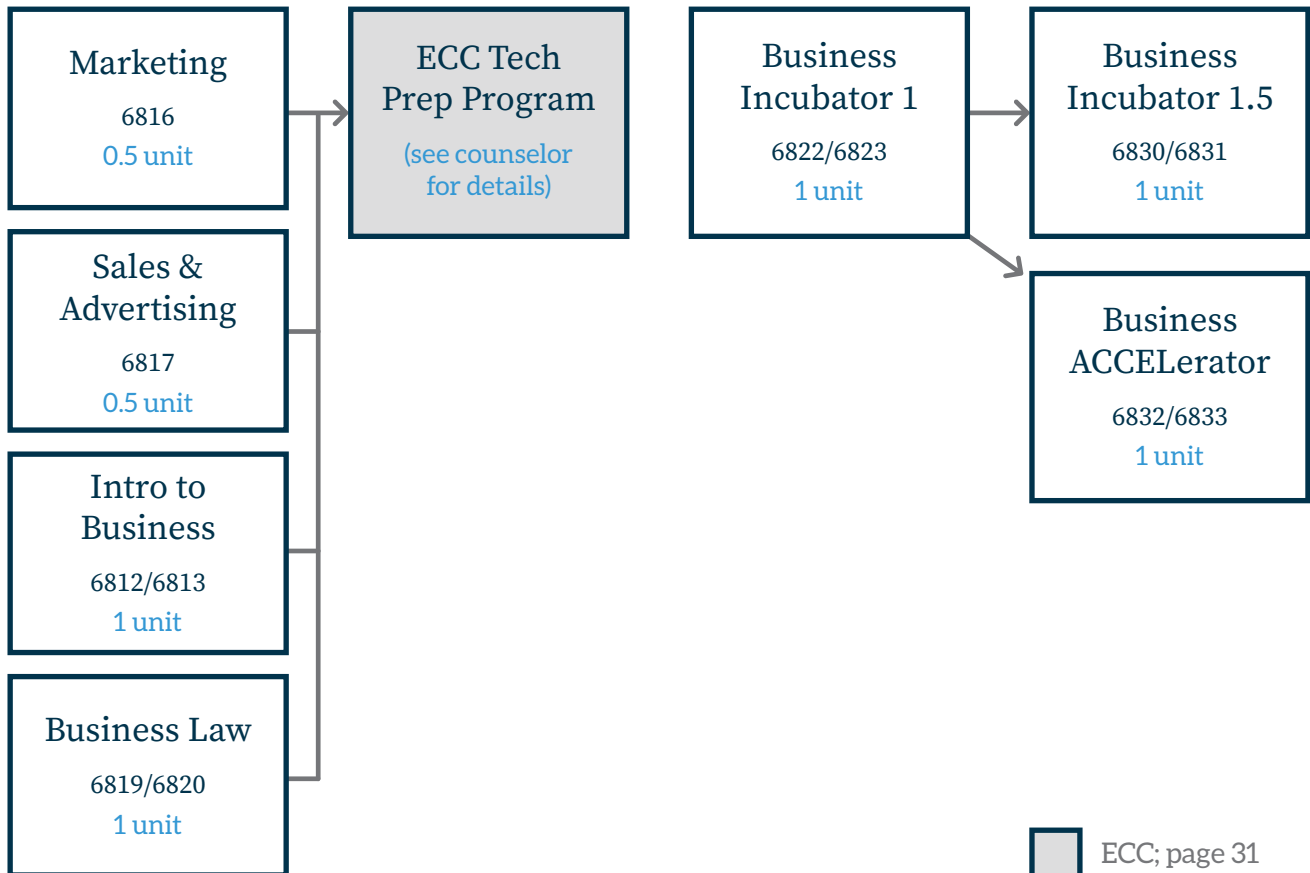
Other Info: JHS only.

This course is intended as a second level course with students learning the basics of print production within the Digital Print and Production Pathway. Students will learn the basics of running a print and production business including cost of equipment and materials, pricing out jobs, printing substrates, inks and toners, digital versus analog printing and applications of printing.

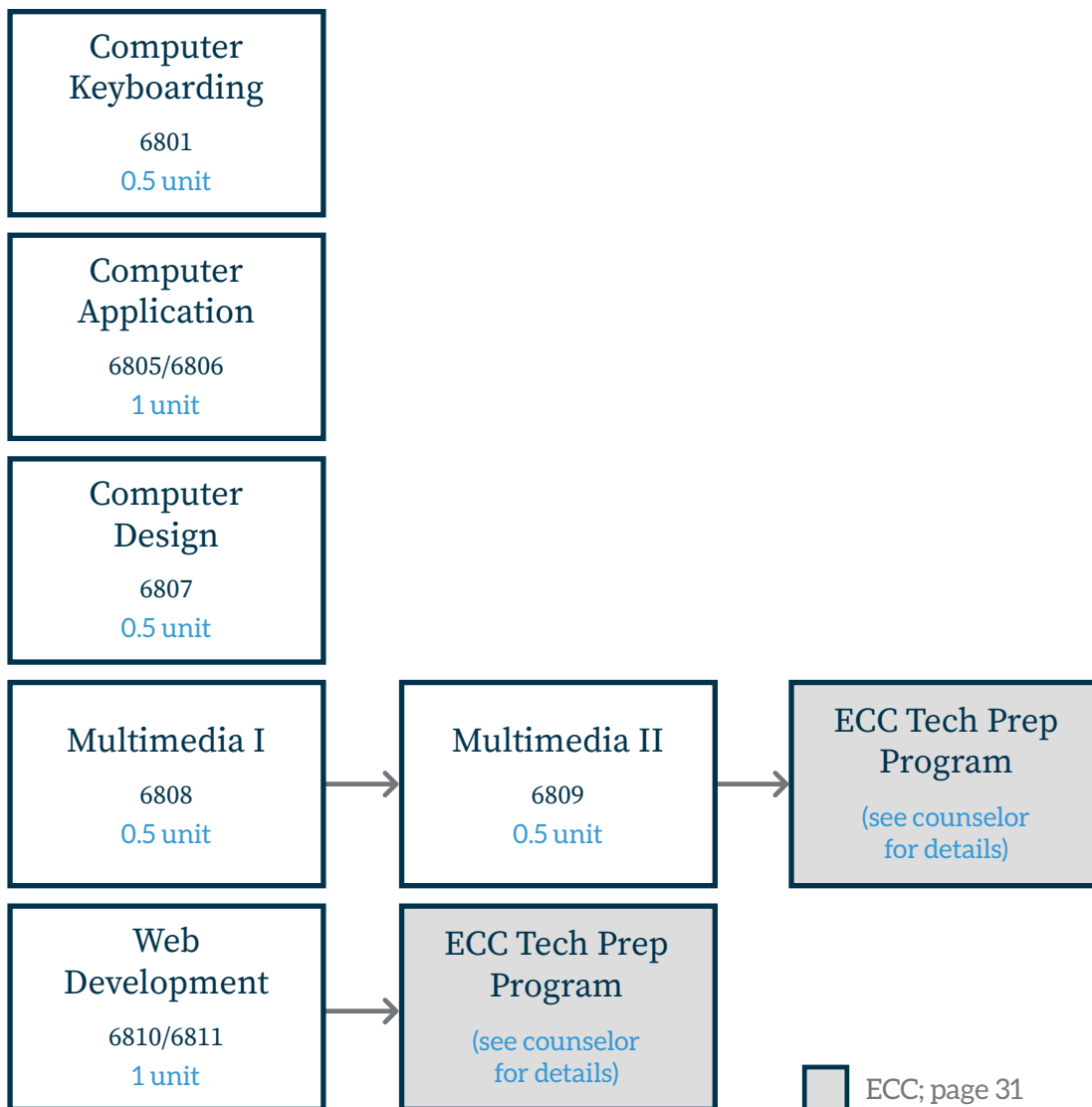
Accounting



Business and Entrepreneurship



Information Technology / Computer Science



Work Program / Internship



Elgin Community College

Elgin Community College Articulated Courses

Each shaded course on this chart is the equivalent of an Elgin Community College course and meets the Elgin Community College course's learning objectives and/or task competencies. To receive college credit for these courses at Elgin Community College, the student must:

- Compete the articulated high school course (or, for some areas, the course sequence-see course guide for more information) with a final grade average of "B" or better each semester.
- Enroll at ECC in a degree-seeking program in the fall semester following graduation or later, within 27 months. The high school graduate is entitled to ECC college credit and to advanced placement at Elgin Community College and is able to enter the ECC course for which the articulated-credit course is the prerequisite.

English

Core Classes

English 9

English 10 or AP Seminar

English 11 or AP English Language or AP Seminar

Senior Expository Experience or AP English Language or AP Literature (All Seniors Semester 1)

Senior Semester 2 Options

Survey of Gothic Literature (1360)

Survey of Shakespearean Literature (1361)

Survey of Women's Literature (1362)

Survey of Multi-Cultural Literature (1363)

Senior English Composition (1324 or 1424)

Elective Classes

AP English Language and Composition (1516/1517)

AP English Literature and Composition (1519/1520)

AP Capstone: Seminar (1531/1532)

Reading and Thinking Skills (1800/1801)

Journalism I (1820)

Journalism II (1821/1822)

Creative Writing I (1828)

Creative Writing II (1829)

Debate (1830)

College 101 for Juniors (1832)

College 101 for Seniors (1833)

Yearbook Publications (1837/1838)

Public Speaking (1839)

Film Criticism I (1852)

Film Criticism II (1853)

Acting (1851)

Language Skills for Geometry (1890/1891)

Theatre Workshop (1850)

Middle College Classes

ECC English Composition 1 (ECC ENG 101)

ECC English Composition 2 (ECC ENG 102)

District 300 Course Numbering System	
Department	
1000 - English/ESL	
Level of Class and Weighted GPA Value	
_300 - College and Career Readiness	GPA weight = +1.5
_400 - Honors Level	GPA weight = +2
_500 - Advanced Placement (AP)	GPA weight = +2.5
_800 - Elective or PE	GPA weight = +1.5

Core Courses: English

English 9 (1310/1311)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Students will practice and apply skills necessary to reading high school materials and communicating complex ideas effectively in a variety of situations. They will apply analytic and critical reading skills to make and justify inferences about meaning in fiction and persuasive and expository texts, write focused multi-paragraph composition to persuade and explain, and compose and deliver effective speeches for a variety of purposes and audiences.

English 9 (1410/1411)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Students will practice and apply skills necessary to reading challenging high school materials and communicating complex ideas effectively in a variety of situations. They will apply analytic and critical reading skills to make and justify inferences about meaning in fiction and persuasive and expository texts, write focused multi-paragraph composition to persuade and explain, and compose and deliver effective speeches for a variety of purposes and audiences. Students will demonstrate independent thinking skills and will adhere to the demanding structure of this course. This course is designed to prepare students for the challenges of AP courses in the sophomore, junior, or senior year.

English 10 (1313/1314)

Length/Credit: 2 semesters/1.0 unit

Grade: 10

Prerequisite: English 9, summer school, night school, or concurrent enrollment. Tenth grade students will continue to explore necessary skills in reading and writing, while reinforcing skills in English 9. Students will study world literature and use knowledge of cultural context. They will apply themes and allusions to make connections between different cultures and literatures. Students will continue to expand on writing and vocabulary acquisition.

English 10 (1413/1414)

Length/Credit: 2 semesters/1.0 unit

Grade: 10

Prerequisite: English 9, summer school, night school, or concurrent enrollment. Students will continue to explore complex skills in reading and writing, while reinforcing skills in English 9. Students will study world literature and use knowledge of cultural context. They will analyze and evaluate themes and allusions to make connections between different cultures and literatures. Students will be challenged to write in-depth essays and arguments, utilizing vocabulary knowledge. Reading and writing instruction and assignments will be designed to prepare students for the challenges of AP courses in the junior and senior years. Students will demonstrate independent thinking skills and will adhere to the demanding structure of this course.

English 11 (1316/1317)

Length/Credit: 2 semesters/1.0 unit

Grade: 11

Prerequisite: English 9 and 10, summer school, night school, or concurrent enrollment. This course is devoted to a thematic study of American literature. Students will continue to build on skills for reading and writing. Students will write and analyze a variety of literary and rhetorical devices. In addition, students will study grammar, usage, and vocabulary as a means of improving writing skills for college and career readiness.

English 11 (1416/1417)

Length/Credit: 2 semesters/1.0 unit

Grade: 11

Prerequisite: English 9 and 10, summer school, night school, or concurrent enrollment. This course is devoted to a thematic study of American literature. Students will continue to refine skills for reading and writing. Students will write and analyze a variety of literary and rhetorical devices. Students will demonstrate understanding through extensive writing in and out of class. In addition, students will study grammar, usage, and vocabulary as a means of improving

writing skills for college and career readiness. Students will demonstrate independent thinking skills and will adhere to the demanding structure of this course.

Senior Expository Experience (1323)

Length/Credit: 1 semester/0.5 units

Grade: 12

This course will focus on the Senior Expository Experience in which students will select a topic of interest, engage in research about that topic, write a research paper making an argument about the topic, and present their findings to peers and faculty members. Topics will revolve around argumentation, modes of rhetoric, rhetorical analysis, and research methodology.

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Grade: 12

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Survey of Gothic Literature (1360)

Length/Credit: 1 semester/0.5 units

Grade: 12

No matter who you are or where you live, we all share one common emotion: fear. This course will lead us directly into this fear and how it shapes who we are and the society around us. Why do we fear ourselves? How does the supernatural play with our emotions? Why are we so fascinated by these questions? Finally, how can asking these questions help us to find and develop a deeper purpose within ourselves?

Survey of Shakespearean Literature (1361)

Length/Credit: 1 semester/0.5 units

Grade: 12

Should we still be reading Shakespeare? Yes, yes we should. Most well-read people claim Shakespeare is the most important and influential writer in the English language. And as a result, most students are dragged kicking and screaming through his inscrutable play-texts and poetry. These scholars believe we should be reading him, but why?

This course will attempt to address the questions of why Shakespeare looms large over Western civilization. We will talk about gender, race, and religion. We will talk about love, murder, betrayal, and witchcraft. We will talk about the heartbreakingly beautiful and the wildly inappropriate. We will talk about his stolen plot structures, how he was influenced by the ancient world, how he attempted to influence the Kings and Queens who actually attended his plays. More than anything, we will talk about how he, like most great artists, takes an understood mode of producing art and changes it – expanding within the apparent confines – the very substance of that form. Like Ray Charles, Miles Davis, Elvis Presley, Led Zeppelin, The Who, The Beatles, The Ramones, The Beach Boys, Biggie Smalls, The Roots, Kanye West, and various others, Shakespeare uses sound and form in ways both familiar and groundbreaking. We will investigate all of this, and more.

Survey of Women’s Literature (1362)

Length/Credit: 1 semester/0.5 units

Grade: 12

In ancient times and in modern times, in nations great and small, the roles of women in society have been the subject of private and public debate. Should a woman marry or live independently? Should she have a career or should she raise children? Should she choose her own path or have it chosen for her by men? The debate, it seems, is never settled. A wide variety of women from many regions, from as early as 1400 BC and into the 21st century, are the subjects of the texts in this unit. The selections

explore the question of what it means to be a woman in marriage, as a member of society, as an artist, and as a leader of others, across time and culture.

Survey of Multi-Cultural Literature (1363)

Length/Credit: 1 semester/0.5 units

Grade: 12

In this course, explore cultures of the world and their impact on American culture. Students will read, write, and present on various cultures through novels, short stories, poetry, and other multimedia sources not commonly found in mainstream literature from European to Middle Eastern and Asian to American cultures. Students will engage in collaborative discussions, projects, and writing to make sense of issues people of the world face.

Senior English Composition (1324)

Length/Credit: 1 semester/0.5 units

Grade: 12

Students explore a vast array of literature through the study of three literary movements from the past two centuries through several genres, including poetry, short stories, novel excerpts, speeches, and a national anthem. Students will consider how literary movements are expressed in different genres and by a variety of authors.

Students will also explore the English Renaissance and Elizabethan period through poetry, drama, and satire. Following the Middle Ages, the Renaissance (which means “rebirth” in French) marked a transition from the ancient to the modern world. Renaissance writers focused on secular concerns—the affairs of this world, including love, politics, science, and philosophy.

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Grade: 12

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Elective Courses: English

AP English Language and Composition (1516/1517)

Length/Credit: 2 semesters/1.0 unit
Grade: 11, 12

Prerequisite: English 10 & Teacher or Divisional Recommendation.

Other info: This course may be taken instead of English 11 or English 12, and counts toward the English graduation requirement.

The AP English Language and Composition course asks students to engage in analysis of the world around them. Everything from advertisements to literary works to the spaces in which we live becomes a text in our exploration of argument, rhetoric, and style. Through close reading of these texts, students can improve their analytical and critical thinking skills. Students will also engage in the creation of several well-developed writing assignments that will both introduce them to the rigors of college level writing and aid them in honing their own style, voice, and ability to communicate with the written word.

AP English Literature and Composition (1519/1520)

Length/Credit: 2 semesters/1.0 unit
Grade: 12

Prerequisite: English 11 or AP English Language & Teacher or Divisional Recommendation.

Other info: This course may be taken instead of English 12, and counts toward the English graduation requirement.

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

AP Capstone: Seminar (1531/1532)

Length/Credit: 2 semesters/1.0 unit
Grade: 10, 11

Prerequisite: Teacher or Divisional Recommendation.

The AP Capstone Program is a 2 year sequence of courses that is designed to equip students “with the skills to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence based arguments.” AP Seminar is the first year course and AP Research is the second year course. Students who earn scores of 3 or higher in AP Seminar and AP Research will receive the AP Seminar and Research Certificate signifying their attainment of college-level academic and research skills. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. This signifies their outstanding academic achievement and attainment of college-level academic and research skills.

Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

ECC English Composition 1 (ECC ENG 101)

Length/Credit: May be taken in the fall or spring semester/1.0 units per semester (Scheduled as a double period)

Grade level: 12

Prerequisite: Enrollment in the Middle College Program.

Other info: An application and interview are required prior to enrollment in the

program for the following school year. This class may be taken instead of English 12 and will count toward the graduation requirement for English. May also be taken as a Strand 2 course.

This course is the first semester of one year course normally required by all universities and colleges. Emphasis on improvement of communication through intensive work in composition, reading and skills of discussion. Major objective of course is to develop proficiency in writing thoughtful, well organized, effective essays. Various forms of prose are studied to help the student achieve a critical understanding of both form and content and to serve as the basis of student essays.

ECC English Composition 2 (ECC ENG 102)

Length/Credit: May be taken in the fall or spring semester/1.0 units per semester (scheduled as a double period)

Grade level: 12

Prerequisite: Enrollment in the Middle College Program and grade of C or better in ECC English Composition 1.

Other info: An application and interview are required prior to enrollment in the program for the following school year.

This class may be taken instead of English 12 and will count toward the graduation requirement for English. May also be taken as a Strand 2 course.

Second semester of one-year course normally required by all universities and colleges. Emphasis on achieving logic and precision in handling such extensive compositions as the research paper and persuasive and critical themes based on literature or other academic disciplines.

Reading and Thinking Skills (1800/1801)

Length/Credit: Based on teacher recommendation, this course can be taken as 1 semester/0.5 units or 2 semesters/1.0 unit.

Grade: 9, 10, 11, 12

Prerequisite: Teacher or divisional recommendation.

Other info: This course will count toward the Strand 2 graduation requirement.

Freshmen that are enrolled in this course will defer enrollment in Biology until

sophomore year. Reading Skills is a course for students needing additional assistance in reading instruction.

Journalism I (1820)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: None

Other info: This course will count toward the Strand 2 graduation requirement. Journalism is a one-semester elective for students interested in learning the journalistic styles of writing, including news, features, sports, entertainment, opinions and editorials. Classroom instruction focuses on developing the basic journalism skills of interviewing, reporting and writing. Students apply the techniques learned in this class to the production of the high school newspaper.

Journalism II (1821/1822)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Journalism I.

Other info: This course will count toward the Strand 2 graduation requirement. Students in this class apply the techniques in Journalism 1 to stories they write for the school's student newspaper. Students also have opportunities to serve in various editorial positions and are involved in newspaper production, layout, page design and photography.

Creative Writing I (1828)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other info: This course will count toward the Strand 2 graduation requirement. Students learn to write effectively using various writing strategies. Class assignments and exercises include but are not limited to poetry, fiction, narratives and non-fiction. Students share their works for classroom critiquing and peer editing.

Creative Writing II (1829)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: Creative Writing I.

Other info: This course will count toward the Strand 2 graduation requirement. This is an intensive writing course in which students will continue to

write effectively using various writing strategies. Class assignments and exercises include but are not limited to poetry, fiction, narratives and non-fiction. Students share their works for classroom critiquing and peer editing.

Debate (1830)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other info: This course will count toward the Strand 2 graduation requirement. This class correlates the basic strands of language arts involving reading, writing, critical thinking, and speaking. The emphasis is on preparing and familiarizing students with debating techniques. Students will learn the Lincoln-Douglas style, policy style and the Congressional formats. Students will not be required to take this knowledge further and participate in extra-curricular competition. Students will research, write, and practice different debate formats with the emphasis on persuasion and the art of being able to think on their feet.

College 101 for Juniors (1832)

Length/Credit: 1 semester/0.5 units

Grade: 11

Other info: This course will count toward the Strand 2 graduation requirement. Students planning to attend college and reading at grade level develop criteria on which to base a realistic college search while learning tactics to help them navigate the maze of college brochures, catalogs, and websites and the steps of the application process. Students explore career paths and research admission requirements and academic offerings at various colleges. Students also focus on the study techniques and thinking skills necessary for college-level learning, including reading, note taking, using graphic organizers, writing, and test-taking techniques. Time and stress management techniques are also addressed.

College 101 for Seniors (1833)

Length/Credit: 1 semester/0.5 units

Grade: 12

Other info: This course will count toward the Strand 2 graduation requirement.

Students planning to attend college and reading at grade level develop criteria on which to base a realistic college search while learning tactics to help them navigate the maze of college brochures, catalogs, and websites and the steps of the application process. Students explore career paths and research admission requirements and academic offerings at various colleges. Students also focus on the study techniques and thinking skills necessary for college-level learning, including reading, note taking, using graphic organizers, writing, and test-taking techniques. Time and stress management techniques are also addressed.

Yearbook Publication (1837/1838)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Other info: This course will count toward the Strand 2 graduation requirement. Students learn how to use current publishing technology such as InDesign, Photoshop, the Internet, and Microsoft Word. Students learn the terminology and skills specific to yearbook publication, including arranging and taking photographs, advertising, cropping, writing and editing copy, and designing layouts. Each student is responsible for completing several individual projects in which he or she showcases all skills learned in the class. Interested students may further develop knowledge and participate on the yearbook staff.

Public Speaking (1839)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other info: This course will count toward the Strand 2 graduation requirement. In this performance-based class, students prepare, rehearse, present, and participate in a variety of speaking and listening activities. This elective supports the Common Core Standards of speaking/listening: the communication process, informal speaking, formal speaking, group communication, and special communication situations. Activities may include, but are not limited to, an informative, demonstrative, and/or persuasive speech; an interpretation

of prose or verse; impromptu speeches; interviewing skills, commercials; active listening; research and outlining; interpersonal communication; group discussion; and problem solving. Interested students may further develop knowledge by participating in extra-curricular competition.

Film Criticism I (1852)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Challenge critics with the knowledge you will gain in this film study course. Film Criticism enables you to enjoy the movies and recognize innovative techniques that have made some of the good movies into classics.

Film Criticism II (1853)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Film Criticism II offers students a more in-depth look into the unique ways stories are told through film while gaining an appreciation of the medium itself. Students will continue to learn how to “read” films while gaining practice in film analysis and refine their awareness of how each element - where the story is set, how the action is ordered, how characters are introduced and developed, sound or lack thereof, cinematography, acting/casting, technological advancements, etc. - contributes to the sense of reality created by film.

Language Skills for Geometry (1890/1891)

Length/Credit: Course can be taken as 1 semester/0.5 units or 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Enrollment in an ESL III or IV Language & Literacy course. Limited English Proficient identified and placement based on ACCESS test results (3.0 -4.9), 2-4 active years in EL programing and ESL teacher or Divisional recommendation.

Other info: This course is taken in addition to Geometry. This course will support Els in Geometry by incorporating language and skill building strategies. The language instructional focus is to

build background knowledge, front load content specific vocabulary, and support content comprehensible input. The skill instructional focus is to support various content-based skills and concepts taught in a geometry course. The course supports language, content, and skill development.

Theatre Workshop (1850)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other info: This course explores the elements of drama through improvisation, theatre games, and scenes from contemporary plays. Students will develop skills in acting, play making and scene analysis, as well as understanding the full process of creating theatre. Theatre workshop is the first of a two semester introduction to theatre; students should plan to take Acting after completing Theatre Workshop.

Acting (1851)

Length/Credit: 1 semester/0.5 units

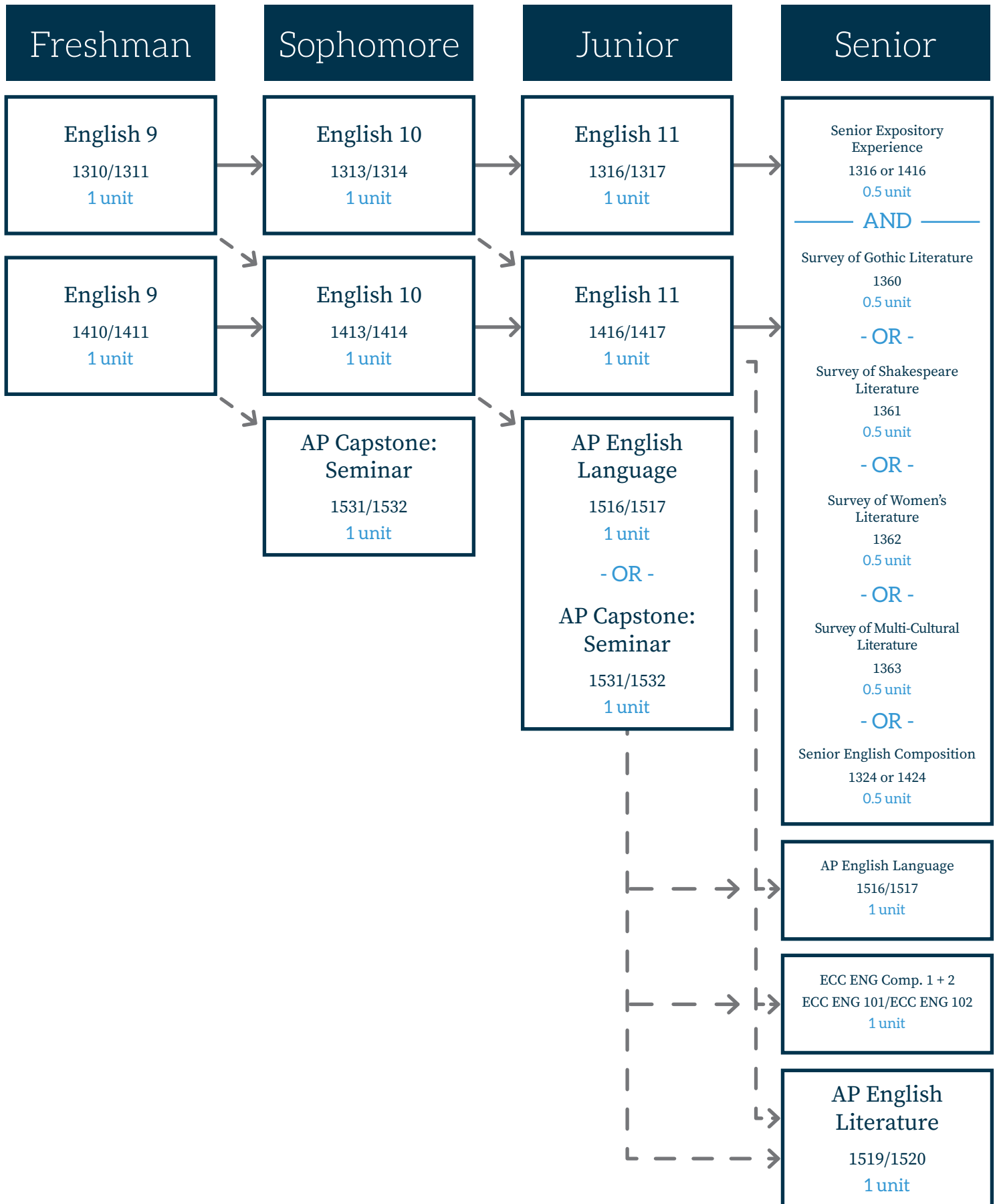
Grade: 9, 10, 11, 12

Prerequisite: Theatre Workshop.

Other info: This course will count toward the Strand 2 graduation requirement. Students will learn the basic skills and techniques of the actor including: concentration, imagination, observation, and ensemble. Through the means of theatre games, improvisation, creative writing, and written analyses, students learn the fundamentals of creating character, writing monologues, performing monologues, and preparing a scene for performance.

Academics | ENGLISH

Four years of English are required for graduation.



English

Acting

1851
0.5 unit

AP Capstone:
Seminar

1531/1532
1 unit

Creative
Writing 1

1828
0.5 unit

Creative
Writing 2

1829
0.5 unit

Coll. 101: JR.

1832 | 0.5 Unit

Coll. 101: SR.

1833 | 0.5 Unit

Debate

1830
0.5 unit

ECC English
Composition 1

ECC Eng 101
1 unit

ECC English
Composition 2

ECC Eng 102
1 unit

Film Criticism I

1852
0.5 unit

Film Criticism II

1853
0.5 unit

Journalism I

1820
0.5 unit

Journalism II

1821/1822
1 unit

Language Skills
for Geometry

1890/1891
1 unit

Publications

1837/1838
1 unit

Public
Speaking

1839
0.5 unit

Reading &
Thinking Skills

1800/1801
1 unit

Theatre
Workshop

1850
0.5 unit



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English as a Second Language

Core Classes

ESL I Language and Literacy Entering (1860/1861)

ESL II Language and Literacy Emerging (1864/1865)

ESL III Language and Literacy Developing (1870/1871)

ESL IV Language and Literacy Expanding/Bridging I (1874/1875)

ESL IV Language and Literacy Expanding/Bridging II (1880/1881)

ESL Supported Grade Level ELA (Coded 6)

Language and Skills-Geometry (1890/1891)

Core Courses: English as a Second Language

ESL I Language and Literacy Entering (1860/1861)

Length/Credit: 2 semesters/2.0 units (this course is scheduled as a double period for a full year)

Grade: 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placed based on WIDA ACCESS test results (1.0-2.0), Lexile Level (BR-550), 0-1.5 active years in ELL programming and ESL teacher recommendation.

Other Info: This course may be repeated for credit.

This course is intended for students new to the U.S. Students will use beginning English language skills in listening, speaking, reading and writing for everyday and academic purposes. Students will have opportunities to work with reading strategies in a variety of adapted text as well as learn to write for various purposes. Instruction is scaffolded and differentiated for beginning levels I and 2 of the WIDA English Language Proficiency levels.

ESL II Language and Literacy Emerging (1864/1865)

Length/Credit: 2 semesters/2.0 units (this course is scheduled as a double period for a full year)

Grade: 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placed based on WIDA ACCESS test results, (2.1-3.0), Lexile Level (520-805), 1-2 active years in ELL programming and ESL teacher recommendation.

Other Info: This course may be repeated for credit.

This course expands on the English communication skills gained in ESL I. Students will continue to access grade level English content through scaffolded and differentiated instruction for WIDA English Language Proficiency levels 2 and 3. Adapted text continues to be utilized.

ESL III Language and Literacy Developing (1870/1871)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Limited English Proficient identified and placed based on WIDA ACCESS test results (3.1-4.0), Lexile

Level (770-960), 2-4 active years in ELL programming and ESL teacher recommendation.

Other Info: This course may be repeated for credit.

This course extends students' skills in listening, speaking, reading and writing in English for a variety of academic purposes. Students continue to access the content area of English while instruction is differentiated for WIDA English Language Proficiency levels 3 and 4. Some adapted text is utilized.

ESL IV Language and Literacy Expanding/Bridging I (1874/1875)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10

Prerequisite: Limited English Proficient identified and placed based on WIDA ACCESS test results, (4.1-4.9), Lexile Level (915-1200), 2-5 active years in ELL programming and ESL teacher recommendation.

Other Info: This course may be repeated for credit.

This course prepares students to use English with increasing fluency and accuracy in all language domains (listening, speaking, reading, and writing). Students will access grade level English content with few supports. They will study and interpret a variety of grade level texts that will prepare them for transition into mainstream English classes.

ESL IV Language and Literacy Expanding/Bridging II (1880/1881)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Limited English Proficient identified and placed based on WIDA ACCESS test results, (4.1-4.9), Lexile Level (915-1200), 2-5 active years in ELL programming and ESL teacher recommendation.

Other Info: This course may be repeated for credit.

This course prepares students to use English with increasing fluency and accuracy in all language domains (listening, speaking, reading, and writing). Students will access grade level English content with few supports. They will study and interpret a variety of

grade level texts that will prepare them for transition into mainstream English classes.

ESL Supported Grade Level ELA (CODED 6)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Limited English Proficient identified and placement based on ACCESS test results (3.0-4.9), Lexile Level (915-1200), 2 or more active years in ELL programming and ESL teacher recommendation.

Other Info: This course may be repeated for credit.

This course prepares students to use English with increasing fluency and accuracy in all language domains (listening, speaking, reading, and writing). Students will access grade level English content with few supports. They will study and interpret a variety of grade level texts that will prepare them for transition into mainstream English classes.

Language and Skills-Geometry (1890/1891)

Length/Credit: Based on teacher recommendation, this course can be taken as 1 semester/0.5 units or 2 semesters/1.0 unit

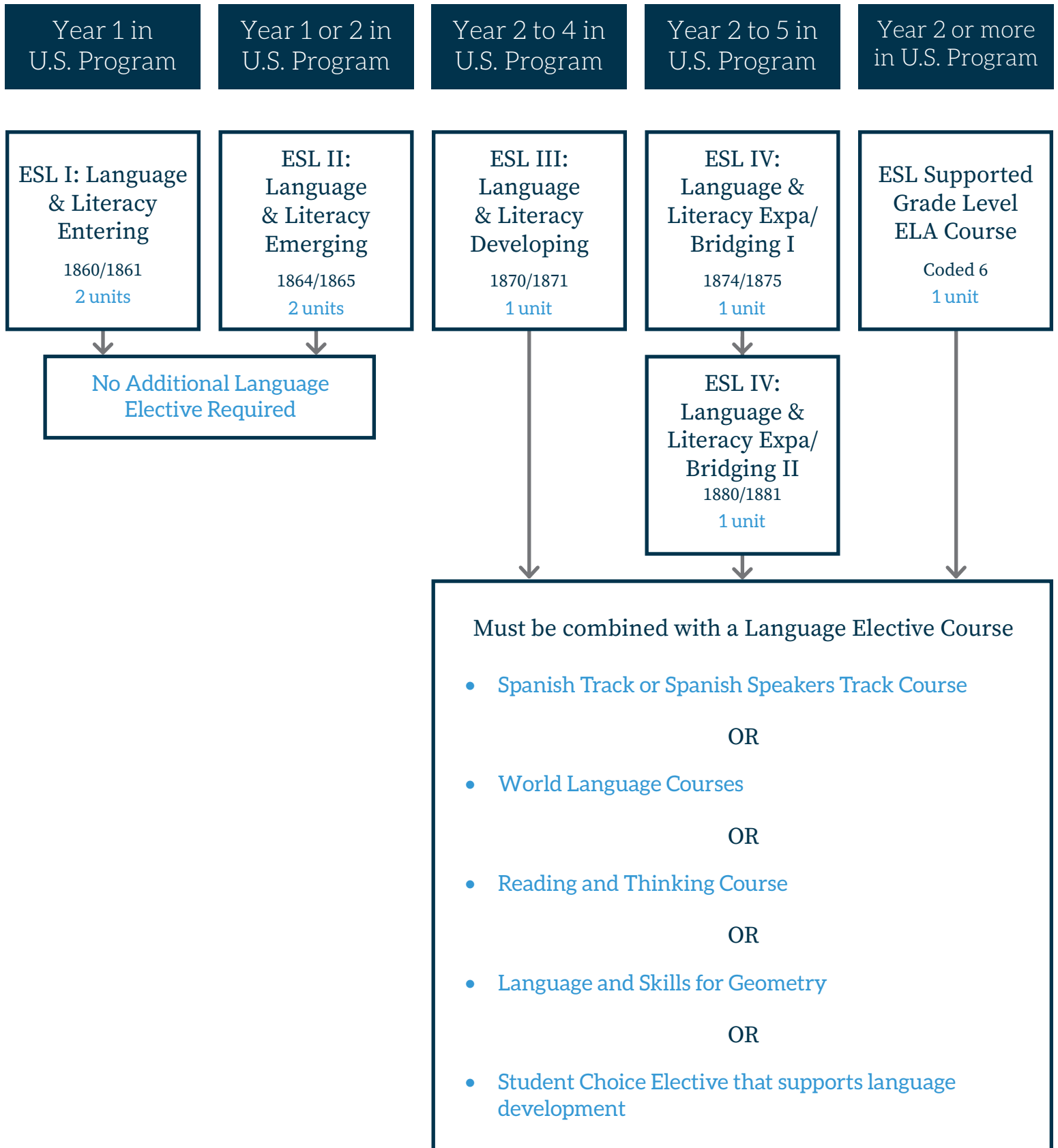
Grade: 9, 10, 11, 12

Prerequisite: Active enrollment in an ESL III or IV Developing/Expanding course. Limited English Proficient identified and placement based on ACCESS test results (3.0-4.9), 2-4 active years in ELL programming and ESL teacher or Divisional recommendation.

Other Info: Students will receive one elective credit for successful completion of this course.

This course is taken in addition to Geometry. This course will support ELs in Geometry by incorporating language and skill building strategies. The language instructional focus is to build background knowledge, frontload content specific vocabulary, and support content comprehensible input. The skills instructional focus is to support various content based skills and concepts taught in a regular geometry course. The purpose of this course is to support language, content and skill development.

Academics | ESL LANGUAGE ELECTIVES



Family and Consumer Science

Core Classes

Child Development I (7851)
Child Development II (7852)
Child Development III (7853)

Foundations of Teaching (7860) (DCHS and HHS only)
Educational Methodology (7861- double period) (DCHS and HHS only)

Fashion and Apparel I (7854) (DCHS and HHS only) *(lab based)*
Fashion and Apparel II (7855) (DCHS and HHS only) *(lab based)*
Fashion Merchandising (7867)

Culinary Arts I (7856) *(lab based)*
Culinary Arts II (7857) *(lab based)*
Culinary Arts III (7858) *(lab based)*
Culinary Arts and Restaurant Management (7859-double period) *(lab based)*

ABC School of Cosmetology (Dual Credit)

ABC School of Cosmetology - Nail Tech 101 and Nail Tech 102 (ABC NTT101 and ABC NTT102)
ABC School of Cosmetology - Cosmetology 101 and Cosmetology 102 (ABC COS101 and ABC COS102)
ABC School of Cosmetology - Esthetics 101 and Esthetics 102 (ABC EST101 and ABC EST102)
ABC School of Cosmetology - Barbering 101 and Barbering 102 (ABC BAR101 and ABC BAR102)

Core Courses: Family and Consumer Science

Child Development I (7851)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: 7851 & 7852 together articulated with ECC ECE 174 (Child Growth and Development).

Students will learn techniques of working with birth to three year olds. Students will discover the importance of the early years in infants' and toddlers' physical, cognitive, social and emotional development.

Child Development II (7852)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Child Development I.

Students will focus on growth, development, and issues related to preschoolers through 9- year olds. Students will explore the areas of development, physical, emotional, social, and intellectual. Health and safety issues and observing young children will be discussed. Careers related to the child care field will be identified.

Child Development III (7853)

Length/Credit: 1 semester/1 unit

Grade: 11, 12

Prerequisite: Child Development II.

Students will evaluate the influence of caregivers and society on a child's development. Special needs and crises situations for children will be discussed. Students will study lesson design, learning styles, and services/ program available for children. Students will develop techniques to enhance a child's development in music, art, math, science, nutrition, language, and social development. Students will plan, prepare, and present developmentally appropriate activities in the previously discussed areas. Students will continue utilizing observation and child guidance techniques through the lab experience.

Foundations of Teaching (7860)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11

Prerequisite: Child Development I.

Other Info: DCHS and HHS only.

This course introduces students to the principles underlying teaching and learning, responsibilities and

duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences will enable the student to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop an understanding of the learner and the learning process, instructional planning, the learning environment, assessment and instructional strategies, career opportunities in the field of education and Illinois regulations and licensing requirements.

Educational Methodology (7861)

Length/Credit: 1 semester/1.0 unit

(scheduled as double period for one semester)

Grade: 10, 11, 12

Prerequisite: Foundations of Teaching.

Other Info: DCHS and HHS only.

This course provides opportunity for students to develop skills to teach and guide others. Coursework includes the opportunity for students to create and develop teaching objectives, design lesson plans, and experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques. Students will explore opportunities in education careers and develop/expand their career portfolio.

Fashion and Apparel I (7854)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: DCHS and HHS only.

Students will comprehend the relationship of apparel and fashion to the global society. Students will demonstrate basic hand and machine construction techniques. Students will survey careers in the fashion industry.

Fashion and Apparel II (7855)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: Fashion and Apparel I.

Other Info: DCHS and HHS only.

Students will demonstrate more

advanced skills in clothing construction as well as clothing alteration. They will complete challenging projects incorporating these techniques. Students will survey potential careers in the industry. Students are responsible for materials and supplies.

Fashion Merchandising (7867)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with IIA-S FMM 100 (Survey of the Fashion Industry).

Students will evaluate how the field of fashion merchandising is incorporated in global society. Students will interpret the influence of design in merchandising selection and presentation. Students will explore techniques that are incorporated in marketing, advertising, and consumer behavior. Students will evaluate higher education and career opportunities in fashion merchandising through authentic situations.

Culinary Arts I (7856)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: 7856, 7857, 7858, 7859 together articulated with ECC CUL 100.

Students will be introduced to the principles and practices of working with food and culinary equipment. Students will practice the basic skills and knowledge necessary for food preparation by planning, preparing, and evaluating a variety of simple, economical, and nutritious dishes including baking, dairy, eggs and grains. Students will survey careers in the area of foods and nutrition.

Culinary Arts II (7857)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: Culinary Arts I.

Other Info: 7856, 7857, 7858, 7859 together articulated with ECC CUL 100. Students will expand upon principles and methods of cookery. Areas of focus include the preparation of yeast breads, quick breads, soups, meats, and the development of knife skills. Students will continue to develop and refine skills regarding safety, sanitation, kitchen management techniques, table etiquette, and personal qualities for employment success.

Culinary Arts III (7858)**Length/Credit:** 1 semester/0.5 units**Grade:** 11, 12

Other Info: 7856, 7857, 7858, 7859 together articulated with ECC CUL 100. Students will focus on pastry preparation, cake preparation and decoration, ethnic cuisines, and influences on cuisine and quick prep dinner dishes. Students will continue to refine and develop skills regarding safety, sanitation, nutrition, kitchen management techniques, and personal qualities for employment success.

Culinary Arts IV (7859)**Length/Credit:** 1 semester/1 unit (scheduled as double period for one semester)**Grade:** 11, 12

Other Info: 7856, 7857, 7858, 7859 together articulated with ECC CUL 100. Students will produce quantity food products while demonstrating catering and restaurant management skills within the hospitality industry. Students will prepare specialty food items, apply garnishing techniques, and focus on the art of food presentation. Students will advance skills in safety, sanitation and kitchen management.

**ABC School of Cosmetology-
Nail Tech 101 and Nail Tech 102
(NTT101/ NTT102)****Length/Credit:** 2 semesters/2.0 units**Grade:** 12

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Textbook and lab fees are paid by the student. Counts as Strand 3. ABC School of Cosmetology offers classes leading to licensure in Nail Technology. Enrollment is limited.

**ABC School of Cosmetology-
Cosmetology 101 and
Cosmetology 102 (COS101/
COS102)****Length/Credit:** 2 semesters/2.0 units**Grade:** 12

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Textbook and lab fees are paid by the student. Counts as Strand 3. ABC School of Cosmetology offers classes leading to licensure in Cosmetology. Enrollment is limited.

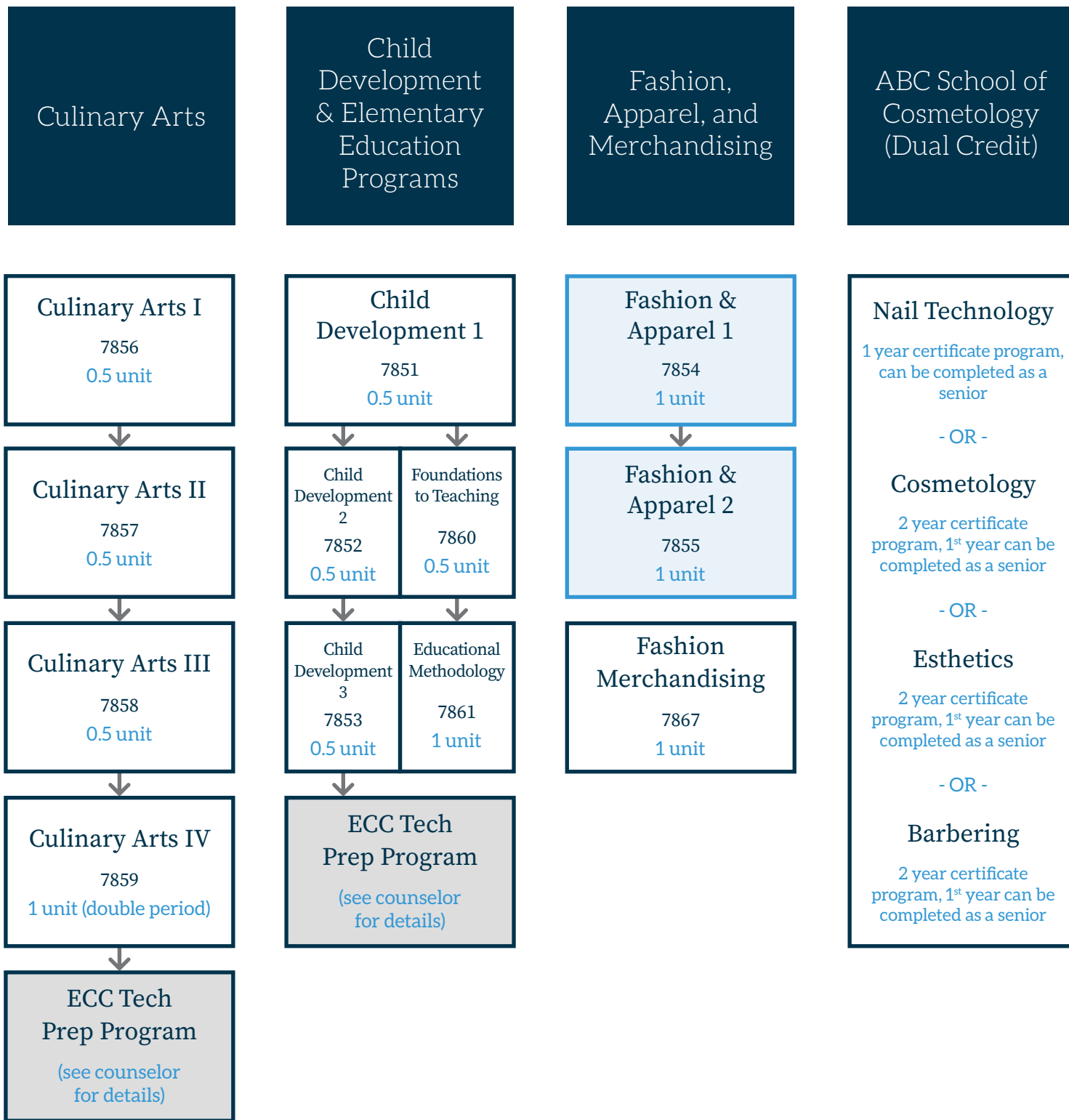
**ABC School of Cosmetology-
Esthetics 101 and Esthetics 102
(EST101/EST102)****Length/Credit:** 2 semesters/2.0 units**Grade:** 12

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Textbook and lab fees are paid by the student. Counts as Strand 3. ABC School of Cosmetology offers classes leading to licensure in Esthetics. Enrollment is limited.

**ABC School of Cosmetology-
Barbering 101 and Barbering 102
(BAR101/BAR102)****Length/Credit:** 2 semesters/2.0 units**Grade:** 12

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Textbook and lab fees are paid by the student. Counts as Strand 3. ABC School of Cosmetology offers classes leading to licensure in Barbering. Enrollment is limited.

Academics | FAMILY & CONSUMER SCIENCE



Dundee-Crown and Hampshire only

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Industrial Education

Core Classes

Automotive Technology I (7801)

Automotive Technology II (7802)

Automotive Technology III (7803-scheduled as a double period for one semester)

Computer Aided Design I (7805)

Computer Aided Design II (7806)

Pre-Engineering CAD / 3D Modeling (7807 /7808)

Woods and Production Technology I (7822) (DCHS and HHS only)

Woods and Production Technology II (7823) (DCHS and HHS only)

Woods and Production Technology III (7824-scheduled as a double period for one semester)
(DCHS and HHS only)

Electricity I (7813) (DCHS only)

Electricity II (7814) (DCHS only)

Electricity III (7815-scheduled as a double period for one semester) (DCHS only)

Welding Fundamentals (7816) (HHS only)

Welding I (7817) (HHS only)

Welding II (7818) (HHS only)

Advanced Manufacturing I (7841/7842) (HHS only)

Advanced Manufacturing II (7843/7844) (HHS only)

Advanced Manufacturing III (7845/7846) (HHS only)

Robotics I (7832/7833) (DCHS and HHS only)

Robotics II (7834/7835) (DCHS only)

Video Production I (7873/7874) (DCHS and JHS only)

Video Production II (7875/7876) (DCHS and JHS only)

(all of the above classes are lab based)

Core Courses: Industrial Education

Automotive Technology I (7801)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC AUT 100. Small Engine Tune-Up, Overhaul and Diagnosis Introduction to Transportation and Automotive Technology focuses on the theories related to transporting people and cargo. Students will learn about the impact of technology on various types of transportation. Students will also learn basic automotive engine fundamentals as well as fundamentals of other propulsion engines used in land, water, air, and space transportation. Students will also explore career opportunities in the transportation industry.

Automotive Technology II (7802)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Other Info: Articulated with ECC AUT 152. Vehicle Maintenance and Tune-Up This course is an introduction to the following areas as defined by NATEF: Engine Repair, Automatic Transmission and Transaxle, Manual Drive Train and Axles, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, Engine Performance and Vehicle Maintenance. Students are introduced to a variety of tools and equipment to supplement their learning. Entry-level skills are reinforced and put into practice. Safety is stressed. Career exploration opportunities will provide students with information about the automotive industry.

Automotive Technology III (7803)

Length/Credit: 1 semester/1.0 unit (this course is scheduled as a double period for one semester, in the second half of the year)

Grade: 11, 12

This class prepares students for Automotive Service Excellence (ASE) testing that leads to certification. The units of instruction will consist of the following 8 areas as defined by NATEF: Engine Repair, Automatic Transmission and Transaxle, Manual Drive Train and Axles, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, Engine

Performance and other related units approved by the instructor. Lab activities center on the automobile. Students apply newly learned skills on late model vehicles in the auto shop. Students use a variety of testing devices, equipment and specialty tools to supplement their learning in the areas of advanced systems diagnosis. Entry-level skills are reinforced and applied. Safety is stressed.

Computer Aided Design I (7805)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Articulated with ECC CAD 108 (Intro to Micro-CAD/ Auto-CAD) if taken with 7806.

Students will learn the importance of drafting and other communication technologies in a variety of industrial occupations. Students will learn basic drafting and communication methods and techniques and become familiar with the language of those technical fields. Students will be introduced to computers, computer-aided-drafting (CAD), image duplication and other similar forms of technical communication. This course will also provide the opportunity for the student to become familiar with the most popular drafting software available today-AutoCAD. The student will be taught basic AutoCAD drawing and editing commands, layout procedures, layering techniques, input methods, set-up processes, dimensioning, and plotting.

Computer Aided Design II (7806)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: 7805.

Other Info: Articulated with ECC CAD 108 (Intro to Micro-CAD/ Auto-CAD) if taken with 7805.

Computer Aided Design II introduces students to advanced drafting principles and practices. Students will use their previously acquired geometric construction and dimensioning skills to complete multi-view drawings, auxiliary views, sections views, revolutions and working drawings. The student will be taught advanced AutoCAD drawing and editing commands, layout procedures, layering techniques, input methods,

set-up processes, blocks, hatching, dimensioning, and plotting.

Pre-Engineering CAD/3D Modeling (7807 /7808)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: 7805 and 7806.

Pre-Engineering CAD is a capstone class designed for the college bound engineering student. This course will teach the student solid modeling by creating and manipulating solid, three-dimensional (3D) representations of a model, otherwise known as solid modeling. The student will be taught basic and advanced 3D modeling CAD commands including: creating and editing, modeling parameters, feature relationships, manipulation and assembly, layout, dimensioning and plotting. Designing and printing products using the 3D Printer will also be covered.

Woods and Production Technology I (7822)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: DCHS and HHS only.

Woods I is a basic introduction to the construction and manufacture of wood products. Students will learn about tool and laboratory safety, construction materials and fasteners, production planning and evaluation, safe hand and machine tool set-up and application, project component construction, assembly and finishing methods and techniques, basic manufacturing systems and career exploration.

Woods and Production Technology II (7823)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Prerequisite: 7822.

Other Info: DCHS and HHS only.

Woods II is an exploration of the art and technology of fine cabinetmaking. Students will select, design, construct, and finish wood furniture and cabinetry projects. Students will also learn about more advanced and complex machine tool set-up, safety and applications, materials and fasteners unique to furniture and cabinet construction,

detailed project planning and evaluation, furniture and cabinet related component construction, project assembly, advanced finishing methods and techniques, and career exploration.

Woods and Production Technology III (7824)

Length/Credit: 1 semester/1.0 unit (this course is scheduled as a double period for one semester, in the second half of the year)

Grade: 11, 12

Other Info: DCHS and HHS only.

This course offers a planned sequence of learning experiences which provide students with the opportunities to develop competencies needed for employment in a variety of manufacturing-related occupations. This course introduces the theory and application of manufacturing and management systems and technology as they relate to commercial production and custom work. Students will participate in various lab experiences and activities to gain knowledge and competencies that readily transfer to a variety of industrial manufacturing fields. Topics covered in this course include applying machine tool and lab safety practices, enterprise development and management, record keeping, customer needs and product design, manufacturing systems design, production planning, industrial materials selection, inventory and handling, hand and machine tool processes and applications for separating, forming and combining materials, precision measurement, mass production techniques practices and processes, and advanced product finishing techniques.

Electricity I (7813)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: DCHS only.

This course is designed to foster an awareness and understanding of how we use energy in our industrial technological society. Areas of study will include conversion of energy; electrical fundamentals; solar energy resources' alternate energy resources such as wind, water, and geothermal; fossil fuels; nuclear power; energy conversation and

computer uses in energy technology. Activities include lectures, lab and classroom demonstration and activities, audio-visual presentations, and hands-on experience in the lab.

Electricity II (7814)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: 7813.

Other Info: DCHS only.

Electricity II is an introduction to advanced electrical technology. The course includes the theory and practical experience of electrical component safety, installation, professional processes and career opportunities. Students learn about advanced electrical safety concerns, processes, tools, installation components and functions.

Electricity III (7815)

Length/Credit: 1 semester/1.0 unit (scheduled as double period for one semester)

Grade: 10, 11, 12

Prerequisite: 7814 with "C" or better and 10th grade or divisional approval.

Other Info: DCHS only.

Electricity III is an introduction to advanced electrical technology and installation processes. The course includes the theory and practical experience of planning, installation, remodeling and maintenance processes. Students learn about certification and continued education processes.

Welding Fundamentals (7816)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Other Info: HHS only.

This enables students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting appropriate techniques. This course include welding safety, blue print reading, welding symbols, welding practices and welding fabrication techniques.

Welding I (7817)

Length/Credit: 2 semesters/2.0 units

Grade: 10, 11, 12

Prerequisite: 7816.

Other Info: HHS only.

This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, welding symbols, precision measuring, layout, and production process planning. Students will also perform 3g vertical up welding for evaluation for American Welding Society certification.

Welding II (7818)

Length/Credit: 2 semesters/2.0 units

Grade: 11, 12

Prerequisite: 7817 with "C" or better and 10th grade or divisional approval.

Other Info: HHS only.

This course builds on the skills and concepts and concepts introduced in Welding Technology I and will provide more in-depth skill development in various types of including horizontal, vertical, overhead, and circular techniques as well as 3G certification welds for MIG and or TIG. Units of instruction include advanced out of position arc, TIG and MIG welding, industry weld fabrication techniques and welding print interpretation and process organization. In addition the students will learn to analyze weld quality and troubleshoot problem welds.

Advanced Manufacturing I (7841/7842)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Other Info: HHS only.

This course provides classroom and laboratory learning experiences related to fundamental machine tool technology by focusing on power saws, drill presses, basic lathes and related tooling. Course includes speed and feed calculation, part layout, basic measuring tools and related manufacturing theory. Safe work practices are strongly stressed.

Advanced Manufacturing II (7843/7844)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 7841/7842.

Other Info: HHS only.

This course is a continuation of Advanced Manufacturing I beginning with engine lathes and introducing horizontal mills, vertical mills, and CNC basics. Course includes related information on tooling, speeds and feeds, measuring instruments and manufacturing theory.

Advanced Manufacturing III (7845/7846)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 7845/7846.

Other Info: HHS only.

A continuation of Advanced Manufacturing III, with emphasis on greater degrees of precision in completing a comprehensive project. Grinding operation, form grinding, O.D. and I.D. grinding are introduced, including grinding wheel specifications, technique and related manufacturing theory.

Robotics I (7832/7833)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 7841/7842.

Other Info: DCHS and HHS only.

This course is a self-paced introductory robotics class that provides the opportunity for the student (with a partner) to design, construct, and program their own robotic vehicle capable of performing autonomous and operator controlled tasks. There will be a strong component of robotic programming using LabView software which is an industry standard. While invoking the scientific process, students will be enhancing their team building skills, their mechanical engineering principles and computer programming skills. Prior computer programming knowledge is highly recommended.

Robotics II (7834/7835)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: 7832/7833.

Other Info: DCHS only.

This is a second level robotics class to serve as a continuation of Mod Tech Robotics I. The emphasis of this class will be to advance the student's knowledge of design using the design engineering process. Robotics competition will be the goal of all projects in this class. Projects will be designed and built to conform to the rules and regulations of the First Tech Challenge robotics competition.

Video Production I (7873/7874)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Other Info: DCHS and JHS only.

This course teaches students various aspects of video editing and production. The students will learn how to properly operate a video camera. Students will also learn how to acquire usable footage, digitize the video into clips and then edit the clips using a non-linear editing program. Additional topics covered will include the history of video editing, careers in video production and editing, interviewing skills, methods of video editing and related computer software. The final project will be set to music in the form of a video yearbook. Additional time outside of the school day is required for filming and editing.

Video Production II (7875/7876)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

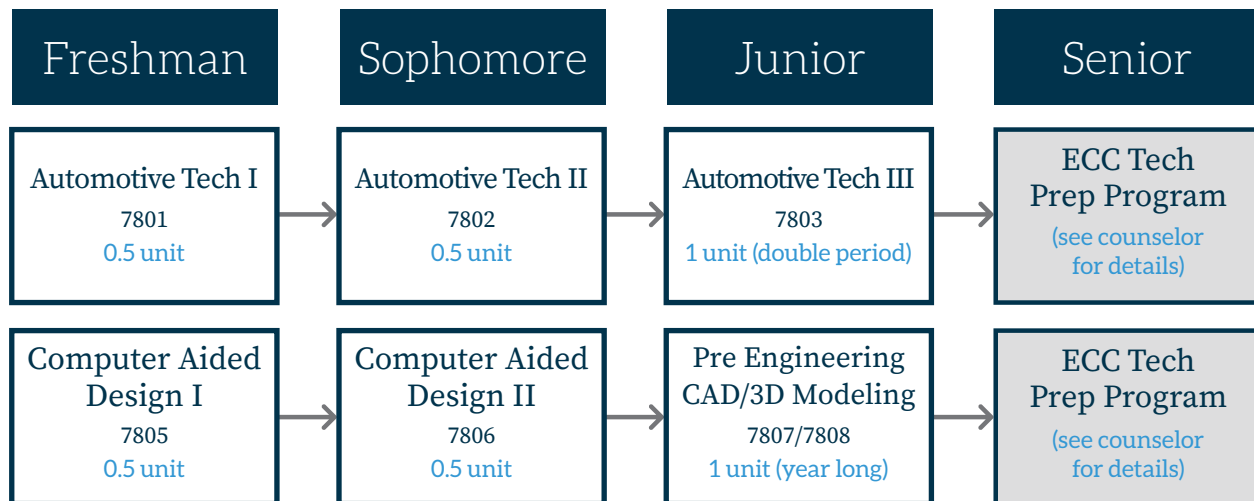
Prerequisite: 7873/7874.

Other Info: DCHS and JHS only.

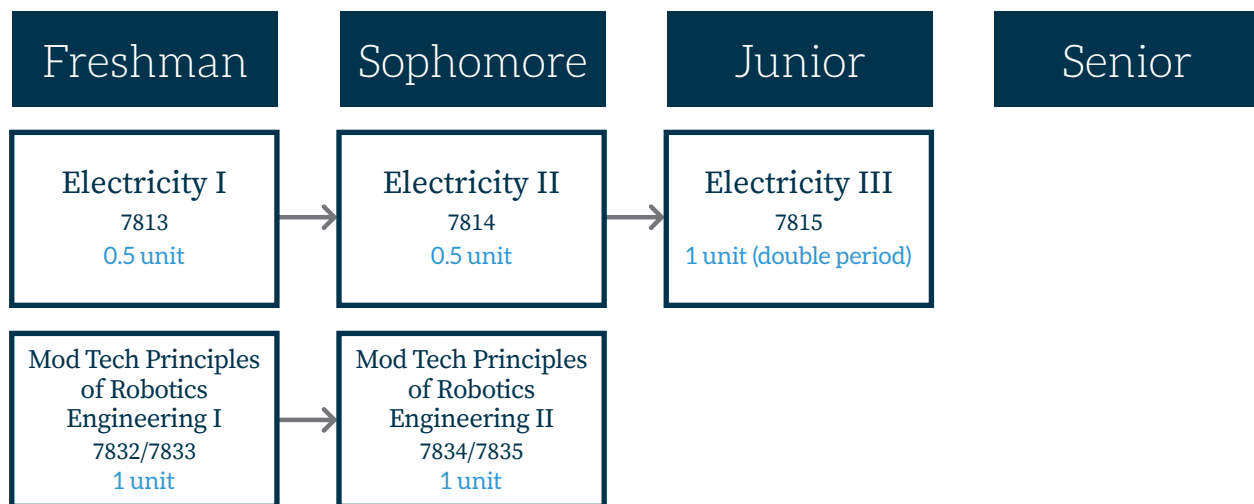
The objective of this course is to use a hands on approach to further the concepts in video production, focusing on studio projects both student-created and staff requested. Course information will be tied to productions of personal, informative and/or promotional nature. Students may work in teams or individually to create various video projects which are scripted or need to be written and produced. Off-site shoots may be necessary as requested during and after the student school day. The culminating project may include

a personal project or staff requested project. This course is intended for students with interests in furthering their video production knowledge in the area of studio production. Additional time outside of the school day is required for filming and editing.

All High Schools

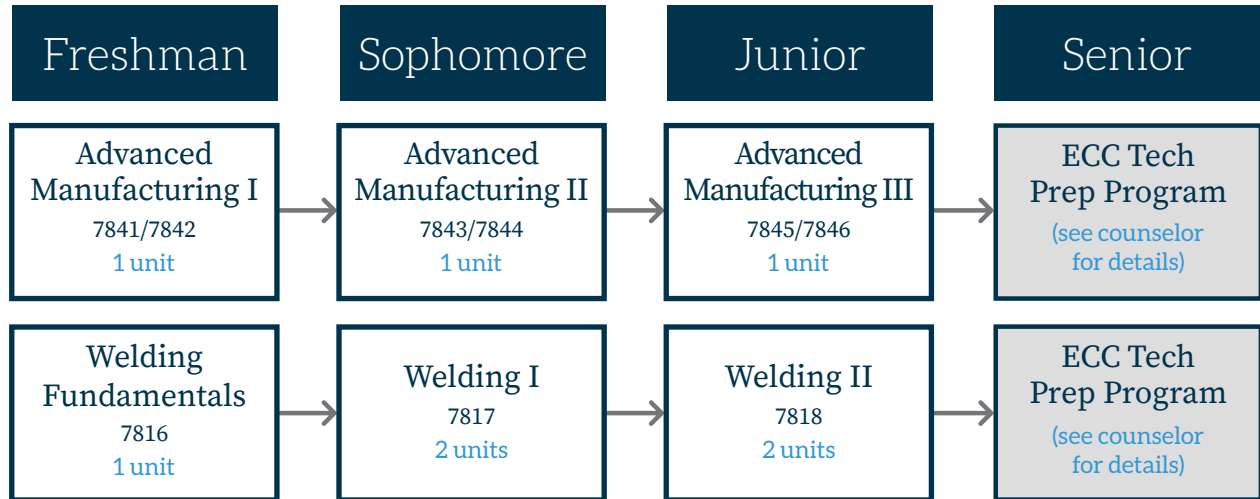


Dundee-Crown Only

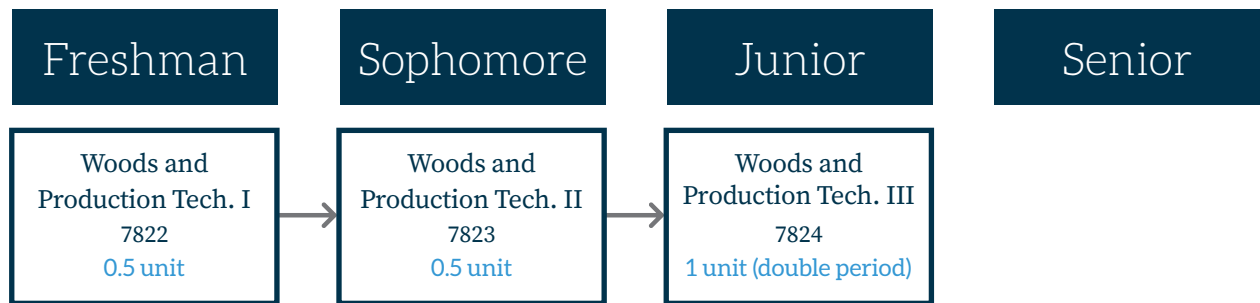


Academics | INDUSTRIAL EDUCATION | (cont.)

Hampshire Only



Dundee-Crown and Hampshire Only



Dundee-Crown and Jacobs Only



Mathematics

Core and Elective Classes

Algebra I
Algebra I Extension
Geometry
Algebra II
Algebra II Extension

Pre-Calculus with Trigonometry (3315/3316)
Pre-Calculus with Trigonometry (3420/3421)
Robot Engineering and Coding (3844/3845) (JHS only)
Advanced Statistics (3854/3855)
Quantitative Literacy (3850/3851)
Expanding Mathematics through Application (3842/3843)

Intro to Computer Science (formerly Intro to Coding) (3833/3834) (*lab based*) (JHS only)
Computer Science Innovations (3856/3857) (JHS only)

AP Calculus AB (3526/3527)
AP Calculus BC (3528/3529)
AP Statistics (3531/3532)
AP Computer Science A (3533/3534) (*lab based*)
AP Computer Science Principles (3538/3539) (*lab based*) (JHS only)

Middle College Classes

ECC Calculus with Analytic Geometry 2 (ECC MTH 134)
ECC Calculus with Analytic Geometry 3 (ECC MTH 201)

District 300 Course Numbering System	
Department	
3000 - Mathematics	
Level of Class and Weighted GPA Value	
_300 - College and Career Readiness	GPA weight = +1.5
_400 - Honors Level	GPA weight = +2
_500 - Advanced Placement (AP)	GPA weight = +2.5
_800 - Elective or PE	GPA weight = +1.5

Core and Elective Courses: Mathematics

Algebra I (3304/3305)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Other Info: This course will count toward the Math graduation requirement. This course is an integrated study of skills and techniques traditionally associated with algebra and elementary geometry. This Algebra course is a rigorous course, which is a prerequisite for accelerated mathematics courses including Honors Geometry. Students enrolling in this class should have strong computational skills with fractions, integers, and decimals. Some topics presented are properties of real numbers, function notation, and evaluation of variable expressions. The student will learn to solve equations and inequalities, graph functions, and solve systems of linear equations. Also, this course contains the study of non-linear relationships, which includes operations with exponents and radicals, polynomial expressions, and solutions to radical equations. Finally, students will learn to solve and graph quadratic relationships along with topics in statistics and probability. Throughout the course, algebraic skills will be linked to problem solving and critical thinking.

Algebra I Extension (3806/3807)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Other Info: Students will receive one elective credit for successful completion of this course. This course is taken in addition to Algebra I. The extension period will precede the Algebra 1 course in the student's schedule. It will aid students in algebra success by incorporating different strategies which include pre-teaching content before their algebra course, reteaching concepts, motivational strategies, note taking skills, and focusing on specific learning targets.

Geometry (3312/3313)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Algebra I.

Other Info: This course will count toward the Math graduation requirement. This course is a rigorous study of the fundamentals of geometry. Geometric

reasoning and proof are developed and applied to triangles, congruent triangles, properties of quadrilaterals, parallel lines, perpendicular lines, and properties of circles. In addition, students will explore the relationships of right triangles, similar triangles, and elementary trigonometry. Area, surface area and volume of polygons and polyhedral will also be studied. Geometric relationships are developed using coordinate geometry techniques. Algebraic skills are reinforced through use in developing geometric concepts and their applications.

Geometry (3412/3413)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Algebra I with a B or higher.

Other Info: This course will count toward the Math graduation requirement. This course is a rigorous study of the fundamentals of geometry. Geometric reasoning and proof are developed and applied to triangles, congruent triangles, properties of quadrilaterals, parallel lines, perpendicular lines, and properties of circles. In addition, students will explore the relationships of right triangles, similar triangles, and elementary trigonometry. Area, surface area and volume of polygons and polyhedral will also be studied. Geometric relationships are developed using coordinate geometry techniques. Algebraic skills are reinforced through use in developing geometric concepts and their applications.

Algebra II (3315/3316)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Geometry.

Other Info: A graphing calculator, while not required, would be a helpful tool in this course and is needed on the SAT. In Algebra II students will review essential Algebra 1 concepts such as graphing linear equations, solving linear systems, and factoring polynomials. A major theme throughout this course is transformations of graphs; transformations will be analyzed with the following functions: quadratic, polynomial, radical, and rational.

Students will also solve equations involving the same types of functions. Sequences and series will be introduced after students have a solid foundation with logarithms. Students will also go through an in-depth statistics unit, wherein students explore how mean and standard deviation are related to each other, as well as explore margin of error and confidence intervals.

Algebra II (3415/3416)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Geometry with a B or higher.

Other Info: A graphing calculator, while not required, would be a helpful tool in this course and is needed on the SAT. In Algebra II students will review essential Algebra 1 concepts such as graphing linear equations, solving linear systems, and factoring polynomials. A major theme throughout this course is transformations of graphs; transformations will be analyzed with the following functions: quadratic, polynomial, radical, and rational. Students will also solve equations involving the same types of functions. Sequences and series will be introduced after students have a solid foundation with logarithms. Students will also go through an in-depth statistics unit, wherein students explore how mean and standard deviation are related to each other, as well as explore margin of error and confidence intervals.

Algebra II Extension (3821/3822)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Teacher recommendation.

Other Info: Students will receive one elective credit for successful completion of this course.

This course is taken in addition to Algebra II. The extension period will precede the Algebra II course in the student's schedule. It will aid students in algebra success by incorporating different strategies which include pre-teaching content before their algebra course, reteaching concepts, motivational strategies, note taking skills, and focusing on specific learning targets.

Pre-Calculus with Trigonometry (3315/3316)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Algebra II (3415/3416) with a C or higher.

Other Info: A graphing calculator is required for this class. The recommended model is TI-84-Plus. This course will count toward the Math graduation requirement. This course is required for the student who plans to study AP Calculus. The course includes the review and study of linear, radical, rational, and polynomial functions and their graphs. Also, zeros of polynomials, derivatives, critical points of graphs, and inverse functions are explored. Topics useful for the study of calculus such as trigonometric identities, inverse trigonometric functions, polar coordinates, complex numbers, normal forms and rotation of axes are presented. The course concludes with a review of exponential and logarithmic functions, sequences, and series.

Pre-Calculus with Trigonometry (3420/3421)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Algebra II (3415/3416) with a B or higher.

Other Info: A graphing calculator is required for this class. The recommended model is TI-84-Plus. This course will count toward the Math graduation requirement. This course is required for the student who plans to study AP Calculus. The course includes the review and study of linear, radical, rational, and polynomial functions and their graphs. Also, zeros of polynomials, derivatives, critical points of graphs, and inverse functions are explored. Topics useful for the study of calculus such as trigonometric identities, inverse trigonometric functions, polar coordinates, complex numbers, normal forms and rotation of axes are presented. The course concludes with a review of exponential and logarithmic functions, sequences, and series.

Robot Engineering and Coding (3844/3845)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: AP Computer Science of AP Computer Science Principles.

Other Info: JHS only.

Students will walk through the design and build a mobile robot to play a sport-like game. During the process they will learn key STEM principles, robotics concepts and the RobotC computer language. At the culmination of this course they will compete head-to-head against peers in the classroom.

Expanding Mathematics through Application (3842/3343)

Length/Credit: 2 semesters/1.0 unit

Grade: 12

Prerequisite: Algebra 2.

Other Info: This course will count toward the Math graduation requirement.

This course is intended for students that are college bound. The objectives of this course are those of the 096 and 098 math curriculum at Elgin Community College. Students will cover these objectives through an application rich course along with study skills that have been identified by ECC faculty. Students will take a pre-test of the ALEKS assessments to assess college readiness.

Intro to Computer Science (3833/3834)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Geometry.

Other Info: JHS only.

This course will count toward the Strand 2 graduation requirement. Students learn the fundamentals of computer programming in this course. Topics studied are looping structures, arrays, files, and incorporation of sound and graphics into programs. Students who take this course should enjoy problem solving and be able to work independently as well as cooperatively. This course does not fulfill any part of the mathematics graduation requirement.

AP Calculus AB (3526/3527)

Length/Credit: 2 semesters/2.0 units (this course is scheduled as a double period for a full year)

Grade: 11, 12

Prerequisite: Pre-Calculus with a B or better.

Other Info: A graphing calculator is required for this class. The recommended model is TI-84-Plus. This course will count toward the Math graduation requirement. Advanced Placement Calculus covers the College Board requirements in preparation for the Advanced Placement Calculus Exam. Topics are typical to those offered in a first semester college course. Pre-calculus mathematics is reinforced. Limit theory, derivatives, anti-derivatives, and integration are studied in relation to their applications in science and mathematics. Broad concepts are emphasized using multiple representations. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

AP Calculus BC (3528/3529)

Length/Credit: 2 semesters/2.0 units (this course is scheduled as a double period for a full year)

Grade: 11, 12

Prerequisite: Pre-Calculus with a B or better.

Other Info: A graphing calculator is required for this class. The recommended model is TI-84-Plus. This course will count toward the Math graduation requirement. Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics. Both courses represent college-level mathematics for which most colleges grant advanced placement and credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

AP Statistics (3531/3532)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Algebra 2 with a B or better.

Other Info: A graphing calculator is required for this class. The calculator model must be a TI-84-Plus. This course will count toward the Math graduation requirement.

Advanced Placement Statistics covers the College Board requirements in

preparation for the Advanced Placement Statistics Exam. Topics are typical to those offered in a first semester college course. This course will expose students to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

AP Computer Science A (3533/3534)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Algebra II with a B or better.

Other Info: This course will count toward the Strand 2 graduation requirement. AP Computer Science covers the College Board requirements in preparation for the Advanced Placement Computer Science A Exam. Topics are typical to those offered in a first semester college course. The topics include designing and implementing solutions to problems by writing programs, using and implementing commonly used algorithms and data structures, coding fluently in an object oriented paradigm and utilize the standard AP Java subset, and to read and understand the AP Computer Science case study. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

AP Computer Science Principles (3538/3539)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Algebra 1.

Other Info: JHS only.

The AP Computer Science Principles course is designed to be equivalent to a first semester introductory college computing course. The key sections of this course framework are computational thinking practices, abstraction, data and information, algorithms, programming, the internet and the global impact of computers. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

ECC Calculus with Analytic Geometry II (ECC MTH 134)

Length/Credit: May be taken in the fall or spring semester/2.0 units per semester (Scheduled as a double period for one semester)

Grade: 11, 12

Prerequisite: Completion of AP Calculus with grade of 'A' or 'B' and enrollment in the Middle College Program.

Other Info: An application and interview are required prior to enrollment in the program for the following school year. This class will count toward the graduation requirement for math. Second of three courses in the college calculus sequence. Topics include the natural logarithmic function, exponential functions, inverse functions, inverse trigonometric functions, hyperbolic functions, applications of integration, integration techniques, indeterminate forms and L'Hopital's Rule, improper integrals, sequences and series, convergence tests, power series, Taylor polynomials and Taylor series.

ECC Calculus with Analytic Geometry III (ECC MTH 201)

Length/Credit: May be taken in the spring semester/2.0 units per semester (Scheduled as a double period for one semester)

Grade: 11, 12

Prerequisite: ECC Calculus with Analytic Geometry II with grade of 'A' or 'B' and enrollment in the Middle College Program.

Other Info: An application and interview are required prior to enrollment in the program for the following school year. This class will count toward the graduation requirement for math. Third and final course in the calculus sequence. Topics include the following: vectors in 2 and 3 dimensions; planes and lines in space, surfaces and quadric surfaces, space curves; cylindrical and spherical coordinates; vector valued functions and their graphs; functions of two or more variables; partial derivatives, directional derivatives, gradients; double and triple integrals; applications involving functions of several variables; vector fields, line integrals and Green's Theorem; parametric surfaces, surface integrals, the Divergence Theorem and Stokes' Theorem.

Computer Science Innovations (3856/3857)

Length/Credit: 2 semesters/1.0 unit

Grade: 12

Prerequisite: AP Computer Science or AP Computer Science Principles.

Other Info: This course will be part of the computer science pathways and also for students planning on taking AP Computer Science.

This course is a rigorous study computer science and will include creating Chrome Webstore apps, Google Add-ons, apps for multiple platforms, website design and security. Students will be able to obtain different computer certifications.

Quantitative Literacy (3850/3851)

Length/Credit: 2 semesters/1.0 unit

Grade: 12

Prerequisite: Algebra II.

Other Info: This course is a college readiness math course designed to engage students in real world math. Emphasis is placed on real world math situations and will introduce the concepts of numeracy, proportional reasoning, dimensional analysis, rates of growth, personal finance, consumer statistics, practical probabilities, and mathematics for citizenship. Upon completion, students should be able to utilize quantitative information as consumers and to make personal, professional, and civic decisions in their everyday life.

Advanced Statistics (3854/3855)

Length/Credit: 2 semesters/1.0 unit

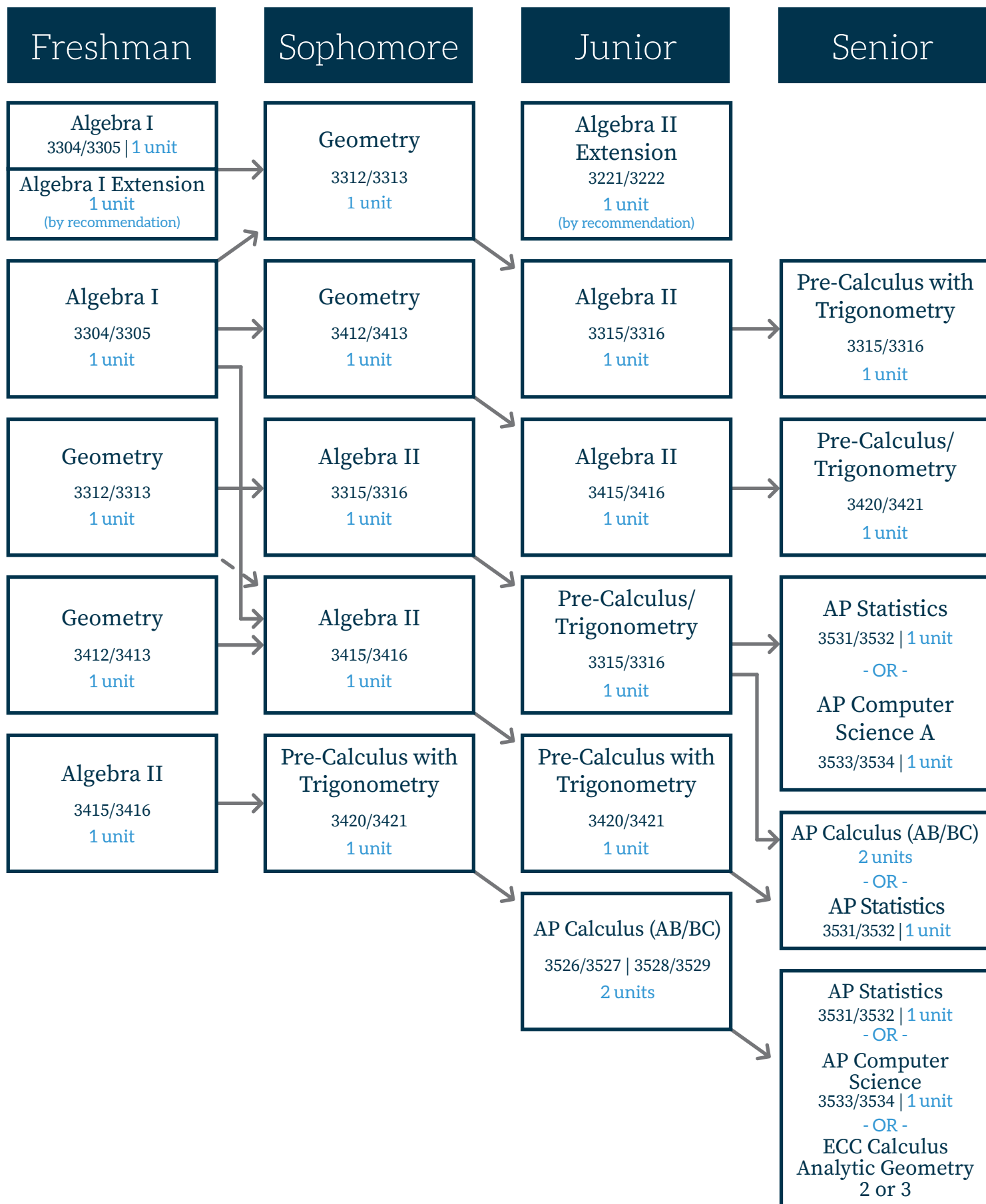
Grade: 12

Prerequisite: Algebra II.

Other Info: This course is a 4th year math course for students looking to be engaged in mathematical experience of statistics.

As a result of this course, the students will be able to interpret categorical and quantitative data, make inferences and justify their conclusions, use conditional probability and the rules of probability to solve problems and make decisions, they will create equations and reason with those equations to solve problems in a statistical context.

Academics | MATHEMATICS



Mathematics

AP Computer
Science

3533/3534

1 unit

AP Computer
Science Principles

3538/3539

1 unit

AP Statistics

1828

1 unit

ECC Calculus
Analytic Geo. 2

ECC Math 134

1 unit

ECC Calculus
Analytic Geo. 3

ECC Math 134

1 unit

Expanding Math
Applications

3842/3843

1 unit

Intro to
Computer Science

3833/3834

1 unit

Quantitative
Literacy

3850/3851

1 unit

Robot Engineering
& Coding

3844/3845

1 unit

Advanced
Statistics

3854/3855

1 unit

 Jacobs only

Music

Instrumental Large Ensembles

Concert Band (8840/8841)
Symphonic Band (8846/8847)
Wind Ensemble (8850/8851)
Percussion Ensemble (8844/8845)
Concert Orchestra (8870/8871)
Symphonic Orchestra (8874/8875)
Chamber Orchestra (8878/8879)
Jazz Band (8858/8859)
Jazz Ensemble (8854/8855)

Choral Ensembles

Bass Chorus (8866/8867)
Treble Chorus (8834/8835)
Varisty Treble Choir (8836/8837)
Concert Choir (8890/8891)
Chamber Choir (8894/8895)

Other Music Courses

Beginning Instrument Methods (8860/8861)
Guitar I (8868)
Guitar II (8869)
Guitar Ensemble (8842/8843)
Music Theory I (8862)
Musicology (8864)
AP Music Theory (8564/8565)

Music: Instrumental Large Ensembles

Concert Band (8840/8841)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Middle School Band or Teacher recommendation and Coordinator of Fine Arts approval. This is a yearlong co-curricular course for developing high school wind and percussion players designed to promote technical proficiency on individual instruments and teach performance in small ensemble and full concert band settings. Students should have a minimum of two years of prior instrumental experience and placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Symphonic Band (8846/8847)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Concert Band or Teacher recommendation and audition. This is a yearlong co-curricular course for intermediate high school wind and percussion performers designed to continue technical development on individual instruments and reinforce performance in small ensemble and full concert band settings. This course includes activities and performances outside the regular school day, which are mandatory.

Wind Ensemble (8850/8851)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Symphonic Band or Teacher recommendation and audition. This is a yearlong co-curricular course for advanced high school wind and percussion performers designed to continue technical development on individual instruments, refine performance in small ensemble and full concert band settings, and provide experiences in wind ensemble literature. Placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Percussion Ensemble (8844/8845)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Teacher recommendation. This is a yearlong co-curricular course for developing and intermediate high school percussion performers designed to promote technical proficiency on individual instruments, teach performance in small ensemble and full concert band settings, and provide experiences in percussion ensemble literature. Students should have a minimum of two years of prior percussion experience and placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Concert Orchestra (8870/8871)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Middle School Orchestra or Teacher recommendation and Coordinator of Fine Arts approval. This course is a yearlong co-curricular course for developing high school string performers designed to promote technical proficiency on individual instruments and teach performance in small ensemble and full orchestra settings, both with and without wind instruments. Students should have a minimum of two years of prior instrumental experience and placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Symphonic Orchestra (8874/8875)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Concert Orchestra or Teacher recommendation and audition. This is a yearlong co-curricular course for intermediate high school string performers designed to continue technical development on individual instruments and reinforce performance in small ensemble and full orchestra settings, both with and without wind instruments. Placement and honors credit are at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Chamber Orchestra (8878/8879)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Symphonic Orchestra or Teacher recommendation and audition. This is a yearlong co-curricular course for advanced high school string performers designed to continue technical development on individual instruments; refine performance in small ensemble and full orchestra settings, both with and without wind instruments; and provide experiences in chamber orchestra literature. Placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Jazz Band (8858/8859)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Simultaneous enrollment in another co-curricular large ensemble and teacher recommendation. This is a yearlong co-curricular course for aspiring high school jazz performers designed to continue technical development on individual instruments, teach jazz ensemble performance, and provide experiences in improvisation. Placement is at the discretion of the teacher and simultaneous enrollment in another co-curricular large ensemble is required. This course includes activities and performances outside the regular school day, which are mandatory.

Jazz Ensemble (8854/8855)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Simultaneous enrollment in another co-curricular large ensemble and Teacher recommendation. This is a yearlong co-curricular course for advanced high school jazz performers designed to continue technical development on individual instruments, reinforce jazz ensemble performance, and provide experiences in improvisation. Placement is at the discretion of the teacher and simultaneous enrollment in another co-curricular large ensemble is required. This course includes activities and performances outside the regular school day, which are mandatory.

Music: Choral Ensembles

Bass Chorus (8866/8867)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Middle School Choir or Teacher recommendation and Coordinator of Fine Arts approval.

This is a yearlong co-curricular course for developing high school vocal performers designed to introduce students to good vocal technique, diction, sight-reading, and being part of a well-balanced performing group through the use of two-, three-, and four-part music. Placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Treble Chorus (8834/8835)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Middle School Choir or Teacher recommendation and Coordinator of Fine Arts approval.

This is a yearlong co-curricular course for developing high school vocal performers designed to introduce students to good vocal technique, diction, sight-reading, and being part of a well-balanced performing group through the use of two-, three-, and four-part music. Placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Varsity Treble Chorus (8836/8837)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Treble Chorus or Teacher Recommendation.

This is a yearlong co-curricular course for intermediate high school treble vocal performers that places emphasis on advanced vocal technique, diction, sight-reading, and being part of a well-balanced performing group through two-, three-, and four-part music. This course includes activities and performances outside the regular school day, which are mandatory.

Concert Choir (8890/8891)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Bass Chorus, Varsity Treble Chorus, or Teacher recommendation and audition.

This is a yearlong co-curricular course for intermediate high school vocal performers that places emphasis on the performance of various forms of vocal literature for mixed voices throughout the entire choral spectrum. This course includes activities and performances outside the regular school day, which are mandatory.

Chamber Choir (8894/8895)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Concert choir or Teacher recommendation and audition.

This is a yearlong co-curricular course for advanced high school vocal performers that places emphasis on sight reading and refining the performance of complex high school and assorted college-level literature in accompanied and a cappella settings. Students should have a minimum of one year of prior experience in a large music ensemble and placement is at the discretion of the teacher. This course includes activities and performances outside the regular school day, which are mandatory.

Other Music Courses

Beginning Instrument Methods (8860/8861)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Director approval.

This course is designed to offer a student without prior musical experience an opportunity to learn a string, wind or percussion instrument. Beginning techniques specific to instrument chosen along with fundamental music skills. Quality instrument must be provided by the student through reputable rental source or private ownership.

Guitar I (8868)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

This is a one-semester class designed for beginning guitar students. Students will learn tablature, chords, note reading, and elementary guitar technique. Students must provide their own guitar.

Guitar II (8869)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: Guitar I or Teacher recommendation.

This is a one-semester class designed for intermediate and advanced guitar students. Students will continue to learn chords, note reading, tablature, finger picking, and ensemble performance skills. Students must provide their own guitar.

Guitar Ensemble (8842/8843)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Guitar I and II or Teacher recommendation.

Other Info: This course may be repeated for credit.

This course is designed for the advanced guitarist who is interested in further developing their guitar technique and musicianship. The repertoire performed in this class includes chamber works for guitar, large ensemble pieces by composers of varied eras, and extensive work on etudes and solo repertoire. Emphasis is placed on development of technique, music-reading skills, composition, sight-reading, chords (first position and barred), and expressive

performance as soloists and ensemble members. Students will also receive training in advanced performance practices from the various musical eras, bass line construction and blues improvisation, and flamenco rasguedo technique. Nylon string classical guitars are provided for class use, but it is highly recommended that students have their own nylon string classical guitar for home practice. This ensemble performs several concerts each year and is encouraged to perform at solo and ensemble contests. Students will be required to attend periodic rehearsals and performances outside of the school day.

Music Theory I (8862)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: Ensemble participation or Teacher recommendation.

This course is designed for students who are interested in obtaining an introductory-level understanding of the fundamental components of music, including pitch, rhythm, form, timbre, and dynamics. Activity in basic analysis, composition, music history, keyboarding, and both melodic and rhythmic dictation will be included.

Musicology (8864)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

This course allows students without previous musical training to explore the history and theory of music from a variety of styles and time periods. Course subject will vary depending on term. Subjects will include but are not limited to: Music History, Music Technology, World Music, and Music Appreciation.

AP Music Theory (8564/8565)

Length/Credit: 2 semesters/1.0 unit

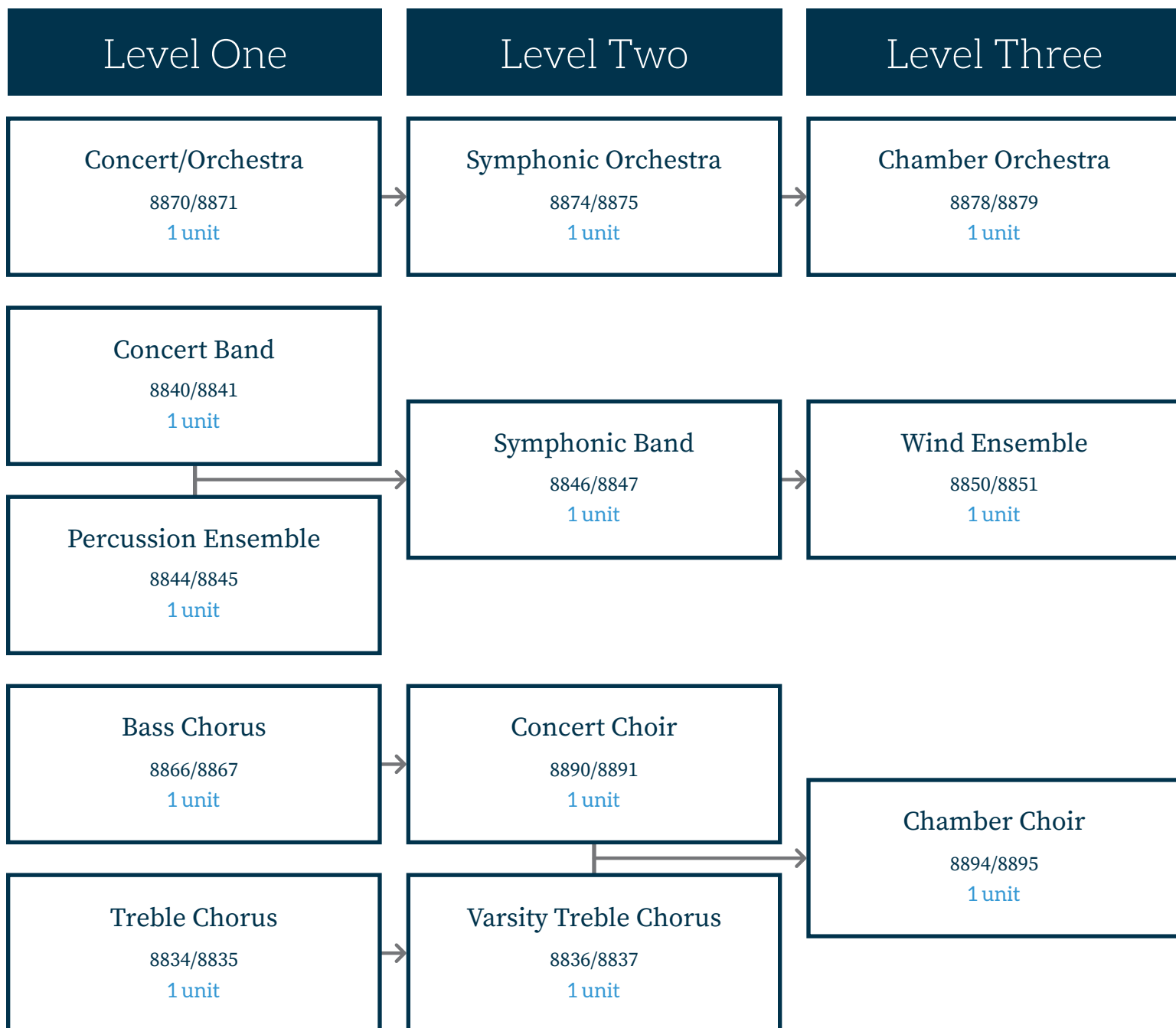
Grade: 10, 11, 12

Prerequisite: Ensemble participation or Teacher recommendation.

This yearlong course is designed for students who are interested in obtaining a college-level understanding of the fundamental components of music, including pitch, rhythm, form, timbre, and dynamics. Activity in complex analysis, composition, music history,

keyboarding, and both melodic and rhythmic dictation will be included. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

Academics | MUSIC



Jazz Band and Jazz Ensemble

- Students must be simultaneously enrolled in a large ensemble (band, choir, orchestra). A recommendation from the teacher is needed for enrollment.

AP Music Theory

- Students must have completed ensemble participation or teacher recommendation.

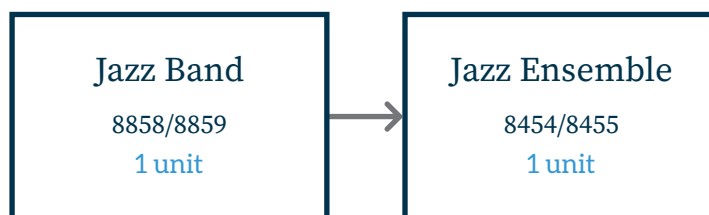
LEVEL 2 and 3 Ensembles

- Students must complete an audition for placement in these ensembles. A recommendation from the high school instructor is needed for enrollment.

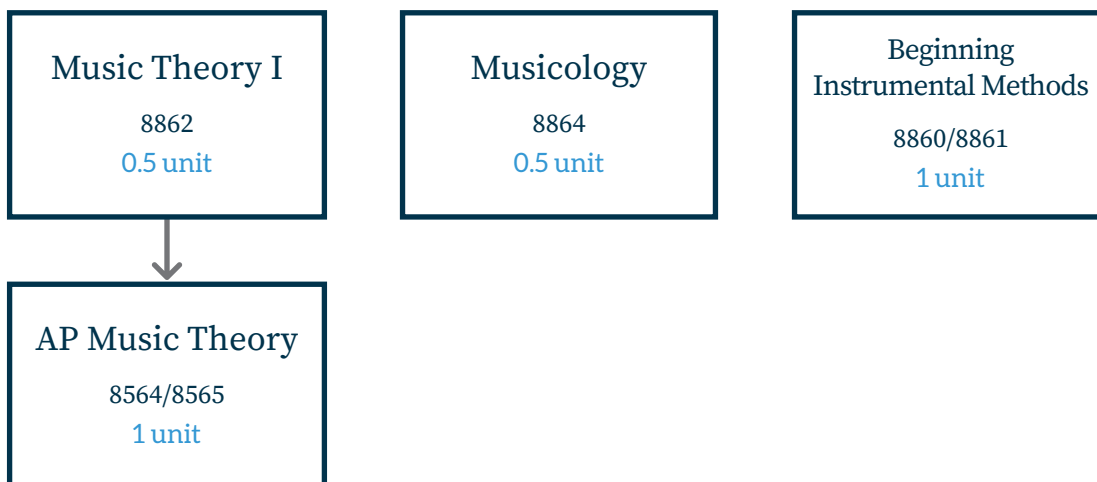
Guitar



Jazz



Additional Music Courses



Physical Education, Health, & Driver's Education

Core Classes

Health - Semester 1 and 2 (9801)

P.E. for Freshmen (9800)(9802)

P.E. for Sophomores (9804)

Sports for Fitness (9806)(9807)

Athletic Strength and Conditioning (9810)(9811)

Outdoor Adventures (9812)(9813) (JHS only)

Group Fitness and Dance P.E. (9818)(9819)

Flex P.E. 1 (9841)

Flex P.E. 2 (9842)

Flex P.E. 3 (9843)

Flex P.E. 4 (9844)

Flex P.E. 5 (9845)

Flex P.E. 6 (9846)

Flex P.E. 7 (9847)

Adaptive P.E. (9815)(9816)

P.E. Leadership Training I (9826/9827)

P.E. Leadership Training II (9828/9829)

Driver's Ed - Semester 1 (9820)

Driver's Ed - Semester 2 (9821)

Behind the Wheel (9824)

Core Courses: P.E./Health/Driver's Ed

Health (9801)

Length/Credit: 1 semester/0.5 units

Grade: 10

This state-mandated course is designed to positively affect the way students think, feel, and act regarding their personal, as well as societal health. Topics studied include consumer health, dental health, drug/alcohol use and abuse, human sexuality, mental health, nutrition, personal health, prevention and control of disease, public health, safety, and smoking. Students will receive American Red Cross training in CPR.

P.E. for Freshmen (9800)(9802)

Length/Credit: 1 semester/0.5 units

Grade: 9

Freshman physical education students will participate in team sports units to be selected by the teacher from the following list: basketball, floor hockey, lacrosse, miscellaneous games, softball, soccer, speedball, team handball, touch football, track and field, tumbling, ultimate Frisbee, and volleyball. The freshman Physical Education curriculum will emphasize the development of a personal fitness program and the skills learned through participation in team sports. A variety of individual and team activities are included in order to give students a well-rounded understanding of basic fitness principles, five components of fitness and team sport concepts.

P.E. for Sophomores (9804)

Length/Credit: 1 semester/0.5 units

Grade: 10

Sophomore Physical Education students will participate in individual sports and activities that will develop athletic skills, knowledge of personal fitness plans and goal setting strategies. The Sophomore Physical Education curriculum will focus on the student's development through participation in activities such as resistance training, weight training concepts and principles, cardiovascular conditioning, flexibility activities as well as individual and team sports.

Sports for Fitness (9806)(9807)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

The Junior/Senior individual and team sport for fitness class curriculum will build on the fundamentals introduced in the freshman/sophomore courses. Students will participate in team and individual type of activities and sports and students will continue to work on their personal fitness goals by completing personal fitness plans.

Athletic Strength and Conditioning (9810)(9811)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Athletic strength and conditioning physical education course is designed to increase athletic performance. This course will emphasize a rigorous fitness/weight training program along with the development of goal setting and leadership skills. A daily vigorous workout is both required and expected based on each individual student's workout program. These workouts involve strength, cardiovascular endurance and flexibility to develop and increase functional athletic performance.

Outdoor Adventures (9812)(9813)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Other Info: JHS only. Can be taken in place of one semester of PE.

Outdoor Adventures is a fun and exciting co-ed physical education course. Students are taught life-long skills by using integrated curriculum of science, math, writing, critical thinking skills and computer technology. The focus is on outdoor activities such as: archery, hunting safety, boating safety, orienteering, survival skills, trip planning, fishing, hiking, backpacking, camping, outdoor cooking, and conservation/environmental issues.

Adaptive P.E. (9815)(9816)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: IEP team approval.

The adaptive physical education program has the same objectives as regular physical education with adjustments

made to meet the needs and abilities of exceptional students. Adaptations ensure safe, successful and beneficial participation for all students.

P.E. Leadership Training I (9826/9827)

Length/Credit: 2 semesters/1.0 unit

Grade: 11

Other Info: Application is required.

This course provides leadership opportunities in the physical education class setting. Students will actively participate in and learn how to lead small and large group activities as well as improve their communication, organization and problem solving skills.

P.E. Leadership Training II (9828/9829)

Length/Credit: 2 semesters/1.0 unit

Grade: 12

Prerequisite: PE Leadership Training I.

This course allows students to utilize the leadership techniques they learned in PE leadership 1. The student will actively participate in and lead small and large group activities and assist physical education teachers in teaching, testing, officiating, and handling the managerial tasks associated with physical education instruction.

Group Fitness and Dance P.E. (9818)(9819)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

This course is designed to provide students with alternative activities for becoming physically fit and healthy. Students will be introduced to a variety of group fitness activities which include but not limited to yoga, Pilates, cardio kickboxing, Zumba, and basic dance routines. The goal of this course is for students to discover a form of exercise they can pursue outside of the school setting to attain and maintain lifelong fitness and wellness.

Driver's Ed Classroom – Semester 1 + 2 (9820)(9821)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Other Info: Student must be 15 years of age by the start of class.

The purpose of this course is to prepare students with the philosophies, concepts, and skills needed for the behind the wheel phase of Driver Education. Students will also develop an understanding of how drugs, distractions and alcohol affect the physical condition of a driver and the importance of wearing safety belts. This course meets the Illinois state requirement of 30 classroom hours of driver education.

Behind the Wheel (9824)

Length/Credit: Minimum of 12 hours; no credit awarded

Grade: 9, 10, 11, 12

Prerequisite: Enrolled in or already completed Driver's Ed Classroom.

Other Info: This course requires the payment of a user's fee of \$300 as well as the fee paid to the State of Illinois for a driver's permit. No credit is given for this course.

The basic classroom ideas and concepts are applied to the driving phase. Habits and skills are developed for residential, city, and highway driving with special emphasis on specific maneuvers. Six hours of driving instruction are necessary to meet the state requirement for applying for a driver's license. Scheduling varies by school.

Flex P.E. 1-7 (9841-9847)

Length/Credit: 1 semester/0.5 units

Grade: 9, 10, 11, 12

Prerequisite: Must complete courses in sequential order. Must have a full academic course load.

Other Info: This is a blended course.

Students are required to use their own smart device and purchase their own heart rate monitor. First time enrollment costs \$200 which includes the heart rate monitor. Sequential courses after cost \$150.

This course meets 1 day a week and then students are responsible to submit their workouts digitally. Students are required to achieve 60% of their max heart rate for every school day. Students are also required to complete cognitive lessons, discussions, projects and reflections online.

Academics | P.E. & HEALTH

Freshman	Sophomore	Junior & Senior
<p>Freshman PE (9800)(9802) 0.5 unit</p>	<p>Sophomore Health 9801 0.5 unit (Required)</p>	<p>Sports & Fitness (9806)(9807) 0.5 unit</p>
<p>Adaptive PE (9815)(9816) 0.5 unit</p>	<p>Adaptive PE (9815)(9816) 0.5 unit</p>	<p>Athletic Strength & Conditioning (9810)(9811) 0.5 unit</p>
	<p>Athletic Strength & Conditioning (9810)(9811) 0.5 unit</p>	<p>Outdoor Education (9812)(9813) 0.5 unit (non-repeat)</p>
	<p>Sophomore PE 9804 0.5 unit</p>	<p>Adaptive PE (9815)(9816) 0.5 unit</p>
		<p>Group Fitness & Dance (9818)(9819) 0.5 unit</p>
		<p>PE Leadership Training 1 9826/9827 1 credit full year enroll</p>
		<p>PE Leadership Training 2 9828/9829 1 credit full year enroll</p>

 Jacobs only

Science

Core Classes

Core Classes

Biology

Physical Science

Chemistry

Physics

(All of the above courses are lab based)

Elective Classes

AP Biology (4501/4502)

AP Chemistry (4513/4514)

AP Environmental Science (4523/4524)

AP Physics 1 (4510/4511)

AP Physics 2 (4520/4521)

AP Physics C (4515/4516)

Applied Microbiology (4861)

Earth and Space Science (4842/4843)

Environmental Science (4820/4821)

Forensic Science I (4841)

Forensic Science II (4851)

Human Anatomy & Physiology (4828/4829)

Zoology (4831/4832)

(All of the above courses are lab based)

District 300 Course Numbering System	
Department	
4000 - Science	
Level of Class and Weighted GPA Value	
_300 - College and Career Readiness	GPA weight = +1.5
_400 - Honors Level	GPA weight = +2
_500 - Advanced Placement (AP)	GPA weight = +2.5
_800 - Elective or PE	GPA weight = +1.5

Core Courses: Science

Biology (4301/4302)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Other Info: This course will count toward the Science graduation requirement. Students will employ the scientific method to investigate the structures and functions of living systems; matter, energy and the interactions within ecosystems; heredity and change over time. Students will apply lab experiences and problem solving strategies to further explore the subject matter and to understand real-life biological complexities.

Biology (4401/4402)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Prerequisite: This course will count toward the Science graduation requirement. Students will employ the scientific method to investigate the structures and functions of living systems; matter, energy and the interactions within ecosystems; heredity and change over time. Students will adapt their lab experiences and knowledge to solve complex biological problems in real-world scenarios.

Physical Science (4205/4206)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Sophomore, Junior, or Senior Status.

Other Info: This course will count toward the Science graduation requirement. This course is not open to students who have taken chemistry or physics. Students will strengthen their scientific and algebra skills through their application to topics such as the interactions of motion, forces, energy and matter.

Chemistry (4313/4314)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Biology, Algebra (grade of C or better).

Other Info: This course will count toward the Science graduation requirement. Students will demonstrate and apply scientific inquiry and scientific techniques to solve chemistry problems. Some topics included are matter, atoms, the periodic table, bonding, chemicals, density, stoichiometry, gases, solutions, acids and bases.

Chemistry (4413/4414)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Biology, Algebra (grade of C or better).

Other Info: This course will count toward the Science graduation requirement. Students will demonstrate and apply scientific inquiry and scientific techniques to solve chemistry problems. Topics will be explored qualitatively, but with a strong emphasis on quantitative analysis. Students must possess strong math and algebra skills.

Physics (4310/4311)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Biology, Algebra, Geometry.

Other Info: This course will count toward the Science graduation requirement. Students will use data and apply mathematical principles to solve physics problems. Some topics included are scientific inquiry, vectors and displacement, motion, forces, astronomy, magnetism, electricity, sound and light.

Physics (4410/4411)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Biology, Algebra, Geometry.

Other Info: This course will count toward the Science graduation requirement. Students will use data and apply mathematical principles to solve physics problems. Some topics included are scientific inquiry, vectors and displacement, motion, forces, astronomy, magnetism, electricity, sound and light.

Elective Courses: Science

AP Biology (4501/4502)

Length/Credit: 2 semesters/2.0 units
(this course is scheduled as a double period for a full year)

Grade: 11, 12

Prerequisite: Biology, Chemistry.

Other Info: This course will count toward the Strand 2 graduation requirement. This is a first year college biology course. The Advanced Placement Biology course will cover the set curriculum as described by the College Board. Students study molecules and cells, heredity, evolution, organisms, and populations. This course aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

AP Chemistry (4513/4514)

Length/Credit: 2 semesters/2.0 units
(this course is scheduled as a double period for a full year)

Grade: 11, 12

Prerequisite: Biology, Chemistry.

Other Info: This course will count toward the Strand 2 graduation requirement. This is a first year college chemistry course. The Advanced Placement Chemistry course will cover the set curriculum as described by the College Board. Students study matter, bonding, acid-base reactions, red ox reactions, and electro chemistry. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

AP Environmental Science (4523/4524)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Biology, Chemistry, Physics.

Other Info: This course will count toward the Strand 2 graduation requirement. This is a college course in Environmental Science. The Advanced Placement Environmental Science course will cover the set curriculum as described by the College Board. Students study scientific principles, concepts, and

methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems - both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternate solutions for resolving and/or preventing them. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit.

Applied Microbiology (4861)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Prerequisite: Biology, Chemistry.

Other Info: This course will count toward the Strand 2 graduation requirement. Students will learn how emerging diseases, microbiomes, probiotics, and microbes on a variety of surfaces impact our health.

AP Physics 1 (4510/4511)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Biology, Chemistry.

Other Info: This course will count toward the Strand 2 graduation requirement. This is a first year college physics course. The Advanced Placement Physics course will cover the set curriculum of an algebra-based physics as described by the College Board. Students study mechanics, electricity, waves, fluids and thermodynamics. Upon completion of the class, students are encouraged to take the AP Exam for possible college credit. This course can be taken without prior Physics experience.

AP Physics 2 (4520/4521)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Biology, Chemistry, Physics or AP Physics 1.

Other Info: This course will count toward the Strand 2 graduation requirement. This is an algebra-based, introductory college level physics course. Students cultivate their understanding of Physics through Inquiry based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability, electrostatics, electrical

circuits and capacitors, magnetic fields, among others.

AP Physics C (4515/4516)

Length/Credit: 2 semesters/2.0 units
(this course is scheduled as a double period for a full year)

Grade: 11, 12

Prerequisite: Biology; Chemistry; Physics or AP Physics 1 or AP Physics 2; completion or concurrent enrollment in Calculus.

Other Info: This course will count toward the Strand 2 graduation requirement. AP Physics C is equivalent to a two semester, calculus based, college level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. Mechanics I is covered in Semester 1, while Semester 2 focuses on electricity and magnetism. Introductory differential and integral calculus are used throughout the course, and students should have taken or be concurrently enrolled in calculus.

Earth and Space Science (4842/4843)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Junior or senior status.

Other Info: This course will count toward the Strand 2 graduation requirement, and in some cases the Science graduation requirement.

The course is designed for students to master the Earth and Space Science components of the Next Generation Science Standards, while giving students a rigorous third year science course to further their education and prepare them for college and career readiness.

Environmental Science (4820/4821)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Junior or senior status.

Other Info: This course will count toward the Strand 2 graduation requirement, and in some cases the Science graduation requirement.

Students will analyze and interpret information regarding how living organisms interact with each other and their environment, the earth and its

resources, the geography of different earth biomes and ecosystems, and the impact of humans on the environment and ecosystems. Students will also develop and use the scientific method to inventory, compare and evaluate local ecosystems.

Forensic Science I (4841)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Prerequisite: Biology, and one of the following: Physical Science, Chemistry, or Physics.

Other Info: This course will count toward the Strand 2 graduation requirement. Students will examine and apply different forensic science procedures in order to properly investigate a crime scene. Students will use scientific inquiry to solve problems that are presented. Biology, physics and chemistry are all incorporated to gain a full understanding of the techniques used by a forensic scientist.

Forensic Science II (4851)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Prerequisite: B or better in Forensics I.

Other Info: This course will count toward the Strand 2 graduation requirement. Students will learn the same skills as in Forensics Science I but in more depth and with a career focus on forensics, law enforcement, and the military.

Human Anatomy & Physiology (4828/4829)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

Prerequisite: Grade of B or better in Biology and Chemistry or division head approval.

Other Info: This course will count toward the Strand 2 graduation requirement. Students will analyze the systems of the human body, investigate health careers, and apply biological concepts to human anatomy and physiology. Dissection is utilized to examine the systems in greater detail.

Zoology (4831/4832)

Length/Credit: 2 semesters/1.0 unit

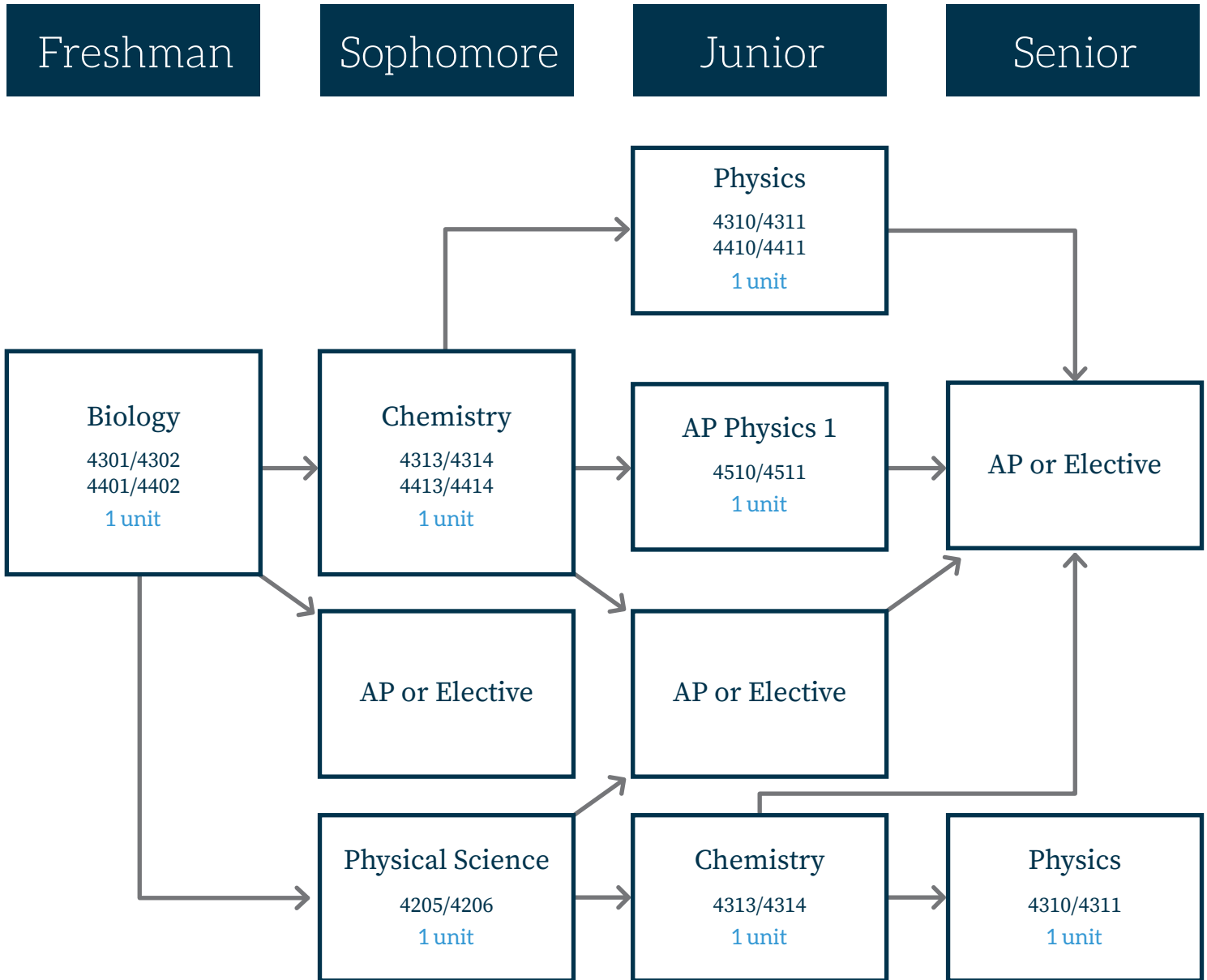
Grade: 11, 12

Prerequisite: Grade of B or better in Biology and Chemistry or division head approval.

Other Info: This course will count toward the Strand 2 graduation requirement. Students will examine the classification of animals by using microscopes and dissection to observe the structural differences of the animal kingdom.

Academics | SCIENCE

Two years of Science are required for graduation.



Science

AP Biology

4501/4502
2 units

AP Chemistry

4513/4514
2 units

AP Physics C

4515/4516
1 unit (Calc. based)

AP Environmental Science

4523/4524
0.5 unit

Applied Microbiology

4861
0.5 unit

AP Physics 1

4510/4511
1 unit

AP Physics 2

4520/4521
1 unit

Earth & Space Science

4842/4843
1 unit

Environmental Science

4820/4821
1 unit

Forensic Science I

4841
0.5 unit

Forensic Science II

4851
0.5 unit

Human Anatomy & Physiology

4828/4829
1 unit

Zoology

4831/4832*
0.5 unit

Social Science

Core Classes

World History (or AP Human Geography)
Global Economics (or AP Macro Economics)
American Government (or AP U.S. Government and Politics)
U.S. History (or AP U.S. History)

Elective Classes

AP Psychology (2515/2516)
AP Human Geography (2530/2531)
AP U.S. Government and Politics (2506/2507)
AP Macro Economics (2503/2504)
AP U.S. History (2508/2509)
AP World History (2501/2502)
Sociology (2814)
Psychology (2815)
20th Century Wars (2817)
Wars & Conflict (2821)
Civil War (2825)
Youth & Law (2823)

Middle College Classes

ECC Intro to Western Humanities (ECC HUM 101)
ECC Intro to Psychology (ECC PSY 100)
ECC Principles of Sociology (ECC SOC 100)

District 300 Course Numbering System	
Department	
1000 - Social Science	
Level of Class and Weighted GPA Value	
_300 - College and Career Readiness	GPA weight = +1.5
_400 - Honors Level	GPA weight = +2
_500 - Advanced Placement (AP)	GPA weight = +2.5
_800 - Elective or PE	GPA weight = +1.5

Core Courses: Social Science

World History (2301/2302)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Students will explore the major events and movements in world history. Emphasis will be placed on the development of students' skills to analyze history as they study world civilizations. A greater focus will be placed on interpretation and independent study including a stronger focus on writing skills.

World History (2401/2402)

Length/Credit: 2 semesters/1.0 unit

Grade: 9

Students will explore the major events and movements in world history. Emphasis will be placed on the development of students' skills to analyze history as they study world civilizations. 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, while adhering to the demanding structure of this course.

Global Economics (2304)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Students will explore global economic issues and individual economic decisions. A major component of the course will be an analysis of the international dimensions of economics. A greater focus will be placed on interpretation and independent study including a stronger focus on writing skills.

Global Economics (2404)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Students will explore global economic issues and individual economic decisions. A major component of the course will be an analysis of the international dimensions of economics. A greater focus will be placed on interpretation and independent study including a stronger focus on writing skills. Students will engage in extensive reading and analysis, while adhering to the demanding structure of this course.

American Government (2306)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

This course is designed to analyze the study of general topics and concepts involved in American government and politics. Students focus on the federal, state, and local government systems and interpret the United States and Illinois Constitutions. A greater focus will be placed on interpretation and independent study including a stronger focus on writing skills.

American Government (2406)

Length/Credit: 1 semester/1.0 unit

Grade: 10, 11, 12

Students will develop an analytical perspective on the federal, state, and local governments and politics, including a study of concepts used to interpret government and politics, as well as the analysis of specific examples, i.e., the United States and Illinois Constitutions. Students will write extensively on government related work and will be adhere to the demanding structure of this course.

U.S. History (2308/2309)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

This course is a study of U.S. 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.

U.S. History (2408/2409)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

This course is a study of U.S. 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, while adhering to the demanding structure of this course.

Elective Courses: Social Science

AP Psychology (2515/2516)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Other Info: This course will count toward the Strand 2 graduation requirement. The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Upon completion of this course, students are encouraged to take the Advanced Placement Psychology exam to earn possible college credit.

AP Human Geography (2530/2531)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Other Info: This course will count toward a core graduation requirement. The primary goal of this social studies course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They will learn about methods and tools geographers use in their science and practice. The advantages of the course are based on the National Geography Standards. Upon completion of this course, students are encouraged to take the Advanced Placement Human Geography exam to earn possible college credit.

AP American Government (2506/2507)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: Teacher or Divisional Recommendation.

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. Upon completion of this course, students are encouraged to take the Advanced Placement American Government exam to earn possible college credit.

AP Macro Economics (2503/2504)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

The primary goal of this social studies course is to introduce students to the driving forces behind financial decision making at both the government and global level. Students will analyze graphs, calculate shifts and stressors, interpret global policy and financial movements and predict future outcomes based on current evidence. This class can be taken instead of the one-semester Global Economics class. Upon completion of this course, students are encouraged to take the Advanced Placement Macro Economics exam to earn possible college credit.

AP U.S. History (2508/2509)

Length/Credit: 2 semesters/1.0 unit

Grade: 11, 12

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 college level historical writing skills. This class can be taken instead of the US History class. Upon completion of this course, students are encouraged to take the Advanced Placement U.S. History exam to earn possible college credit.

AP World History (2501/2502)

Length/Credit: 2 semesters/1.0 unit

Grade: 10, 11, 12

Prerequisite: World History or AP Human Geography.

Other Info: Due to the rigor of this class, it is not appropriate for freshmen. This course will count toward the World History graduation requirement or the

Strand 2 graduation requirement.

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance - focusing on the environment, cultures, state-building, economic systems, and social structures - provide areas of historical inquiry for investigation throughout the course. Students are encouraged to take the Advanced Placement U.S. History exam to earn possible college credit.

Sociology (2814)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Other Info: This course will count toward the Strand 2 graduation requirement. This elective course introduces the student to skills needed to understand the behavior of people in-group situations. Through library research, community studies, interactive group projects, and a variety of instructional techniques, the student will become aware of the science of society and group living essential for the citizen of today.

Psychology (2815)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Other Info: This course will count toward the Strand 2 graduation requirement. This course introduces the student to the study of human beings as complex individuals. Psychology as an academic discipline is studied, as well as ideas useful in dealing with problems in everyday life. The course of study will include the following topics: perception, the biological bases of behavior, personality theories, dream analysis, personality disturbances and therapy, applied psychology, heredity v. environment, and information techniques used by psychologists.

20th Century Wars (2817)

Length/Credit: 1 semester/1.0 unit

Grade: 10, 11, 12

Other Info: This course will count toward the Strand 2 graduation requirement. This course will be a historical look at the

major conflicts that have occurred during the Twentieth Century, beginning with World War I and concluding with the Gulf War. All aspects of wars will be studied: military, economic, social, political, etc. Special attention will be given to the causes of each war and the effects each war has had on the world. The primary goal of this course is to have the student understand how these conflicts have affected our lives today as well as how they affected the lives of those who lived through them.

Wars & Conflict (2821)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Other Info: This course will count toward the Strand 2 graduation requirement. This course will be a look at the major wars around the world and how they have impacted history. This course starts with the Ancient Greeks and ends with the US Civil War. All aspects of war will be studied including military, economic, social, political, etc. The primary goals of this course are to have the students understand how these conflicts began and how they affected the nations and peoples involved. In addition, the impact of these wars on the lives of people today will be analyzed.

Civil War (2825)

Length/Credit: 1 semester/0.5 units

Grade: 10, 11, 12

Other Info: This course will count toward the Strand 2 graduation requirement. Causes, events, and results of America's most severe conflict, with emphasis on connections between slavery, sectionalism, racial democracy, and military-political events will be the focus of the class. The course will also include the character study of Abraham Lincoln, as well as how the war effected political, social and cultural change in America since 1865. Other topics will include: The Old South, leadership in the Civil War, major battles, life of a Civil War soldier, African Americans in the Civil War, local Civil War involvement (Carpentersville and the Dundees). Lincoln the literary giant, music and propaganda, Civil War literature, Reconstruction of the new south, the Ku Klux Klan, and Civil War

cinematography. The class will also include: lecture, Socratic seminars, library research, Internet research, and oral presentations.

Youth & Law (2823)

Length/Credit: 1 semester/0.5 units

Grade: 11, 12

Prerequisite: American Government.

Other Info: This course will count toward the Strand 2 graduation requirement. Students are introduced to the American legal system as well as courtroom procedures and steps in a trial. Topics covered in this course include civil and criminal law, consumer law, and family law. Students learn how to participate in a mock trial and take turns as student attorneys, witnesses, and jurors.

ECC Humanities (ECC HUM 101)

Length/Credit: May be taken in the fall or spring semester/1.0 units per semester (Scheduled as a double period)

Grade: 12

Prerequisite: Enrollment in the Middle College Program.

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Counts as Strand 2.

A survey of selected examples of musical, artistic and literary contributions European culture has made to world civilization from pre-history to the Renaissance. This multi disciplined study is designed to assist students in the recognition and fundamental understanding of the continuity of elements of the European past with their own contemporary culture.

ECC Intro to Psychology (ECC PSY 100)

Length/Credit: May be taken in the fall or spring semester/1.0 units per semester (Scheduled as a double period)

Grade: 12

Prerequisite: Enrollment in the Middle College Program.

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Counts as Strand 2.

Introductory analysis of human behavior with emphasis on practical

application of the basic principles of everyday situations. Areas covered include Introduction/Research, Methods/History of Psychology, Biology and Behavior, Learning, Memory, Motivation and Emotion, Personality Theory and Assessment, Psychological Disorders, Therapies, and Social Psychology.

ECC Principles of Sociology (ECC SOC 100)

Length/Credit: May be taken in the fall or spring semester/1.0 units per semester (Scheduled as a double period)

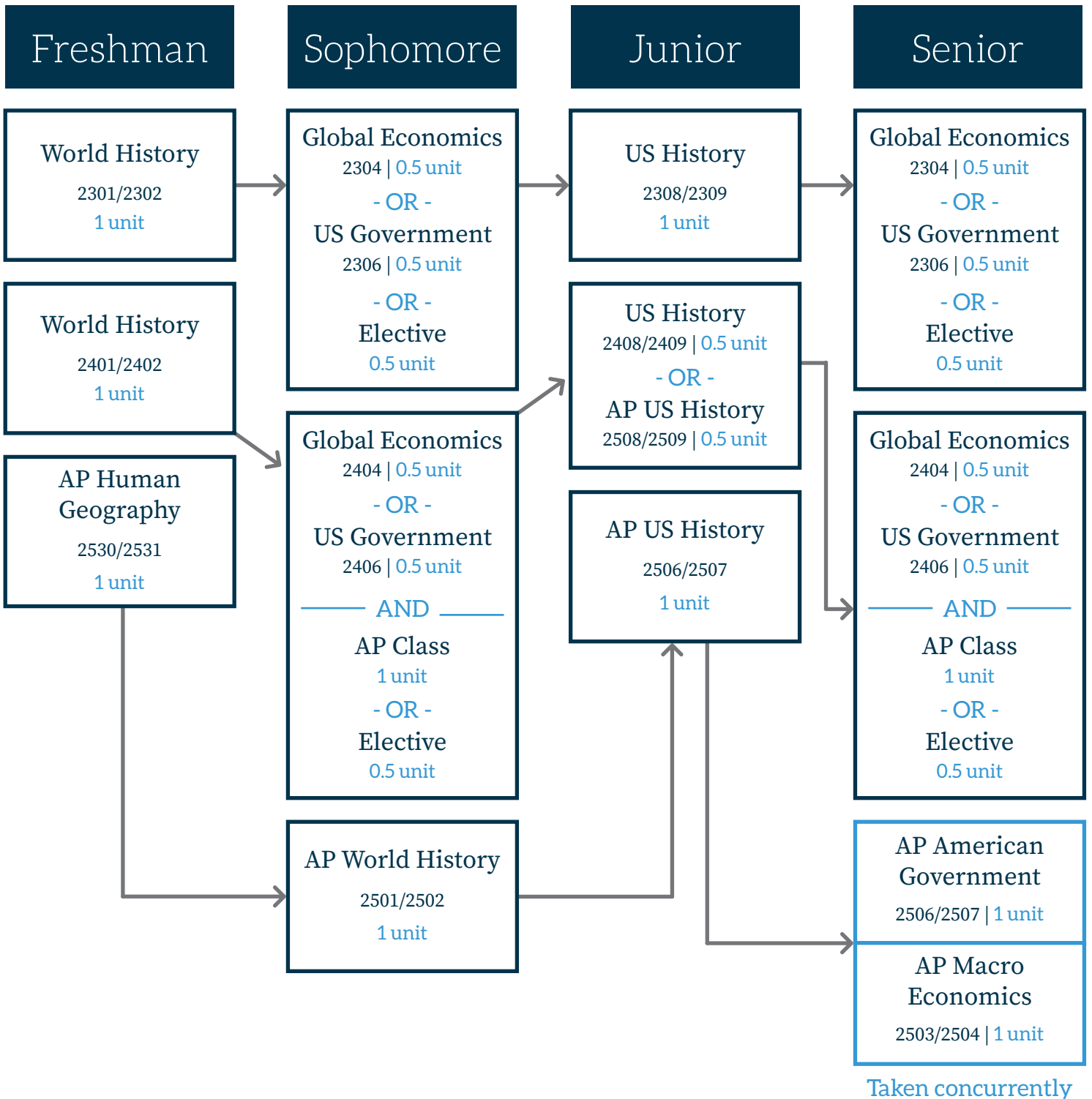
Grade: 12

Prerequisite: Enrollment in the Middle College Program.

Other Info: An application and interview are required prior to enrollment in the program for the following school year. Counts as Strand 2.

A general introductory course designed to familiarize students with basic sociological concepts, theories and methods. The course is usually required for Social Science majors and a suggested elective or required course for non-majors.

Academics | SOCIAL SCIENCE



Social Science

20th Century
Wars
2817
1 unit

AP Human
Geography
2530/2531
1 unit

AP World
History
2501/2502
1 unit

AP Psychology
2515/2516
1 unit

Civil War
2825
1 unit

Middle College Options

ECC Intro to
Humanities

ECC Intro to
Psychology

ECC Principles
of Sociology

(application
required)

Psychology
2815
1 unit

Sociology
2814
1 unit

Wars &
Conflict
2821
1 unit

Youth & Law
2823
1 unit

World Languages

Core Classes

Spanish I (5801/5802)
Spanish II (5804/5805)
Spanish III (5807 /5808)
Spanish IV (5810/5811)
AP Spanish Language (5513/5514)
AP Spanish Literature (5515/5516)

Spanish for Spanish Speakers I (5861/5862)
Spanish for Spanish Speakers II (5863/5864)

German I (5820/5821) (DCHS and JHS only)
German II (5823/5824) (DCHS and JHS only)
German III (5826/5827)
German IV (5829/5830)
French I (5840/5841)
French II (5843/5844)
French III (5846/5847)
French IV (5849/5850)

Middle College Classes

ECC Japanese 1 (ECC JPN 101)
ECC Japanese 2 (ECC JPN 102)

District 300 Course Numbering System	
Department	
5000 - World Languages	
Level of Class and Weighted GPA Value	
_500 - Advanced Placement (AP)	GPA weight = +2.5
_800 - Elective or PE	GPA weight = +1.5

Elective Courses: World Languages

The State Seal of Bilingualism

The State Seal of Bilingualism will be granted both on the diploma and transcript to students who take an AP Language exam and receive a score of 4 or 5 and show proficiency in English.

The Commendation toward the Seal of Bilingualism

The Commendation toward the Seal of Bilingualism will be granted both on the diploma and transcript to the students who take an AP Language Exam and score a 3 and show proficiency in English.

Spanish I (5801/5802)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

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

Spanish II (5804/5805)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5301/5302 or language proficiency at the Spanish I level as determined by divisional approval. 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 primarily conducted in Spanish.

Spanish III (5807/5808)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5304/5305 or language proficiency at the Spanish II level as determined by divisional approval. 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 primarily in Spanish.

Spanish IV (5810/5811)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5807/5808 or language

proficiency at the Spanish III level as determined by divisional approval. 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 and is taught primarily in Spanish.

AP Spanish Language (5513/5514)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5810/5811 or language proficiency at the Spanish IV level as determined by divisional approval. 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 (5515/5516)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5513/5514.

AP Spanish Literature and Culture is the second Spanish course in the AP catalog. The class uses a thematic approach to teach students about the literature of Peninsular Spanish, Latin America, and the Hispanic communities of the United States. Students utilize critical reading, analytical writing, and speaking skills to examine literature and its context within time and place. This class will expose students to a rigorous course and prepare them to take the AP Spanish Literature and Culture Test.

Spanish for Spanish Speakers I (5861/5862)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Diagnostic Placement and being a fluent Spanish speaker. Spanish for Spanish Speakers I is designed to enhance student's knowledge of the Spanish language and the Hispanic Cultures. Students will improve literacy skills with an

emphasis on speaking, listening, reading and writing with the usage of authentic materials. Class discussion and assignments for this course will be entirely in Spanish

Spanish for Spanish Speakers II (5863/5864)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: Spanish for Spanish Speakers I.

This course is designed to further student's knowledge of the Spanish language and prepare students to take AP Spanish Language and Culture. Students will work towards an emphasis on speaking, listening, reading, and writing with the usage of authentic materials. Class discussion and assignments for this course will be entirely in Spanish.

German I (5820/5821)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Other Info: DCHS and JHS only.

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

German II (5823/5824)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5820/5821 or language proficiency at German Level I as determined by divisional approval.

Other Info: DCHS and JHS only.

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 primarily conducted in German.

German III (5826/5827)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5823/5824 or language proficiency at German Level II as determined by divisional approval.

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 primarily conducted in German.

German IV (5829/5830)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: 5826/5827 or language proficiency at German Level III as determined by divisional approval. 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 and the class is taught primarily in German.

French I (5840/5841)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

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

French II (5843/5844)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: French I or language proficiency at French level I as determined by divisional approval. 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 primarily conducted in French.

French III (5846/5847)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: French II or language proficiency at French level II as determined by divisional approval. 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 primarily in French.

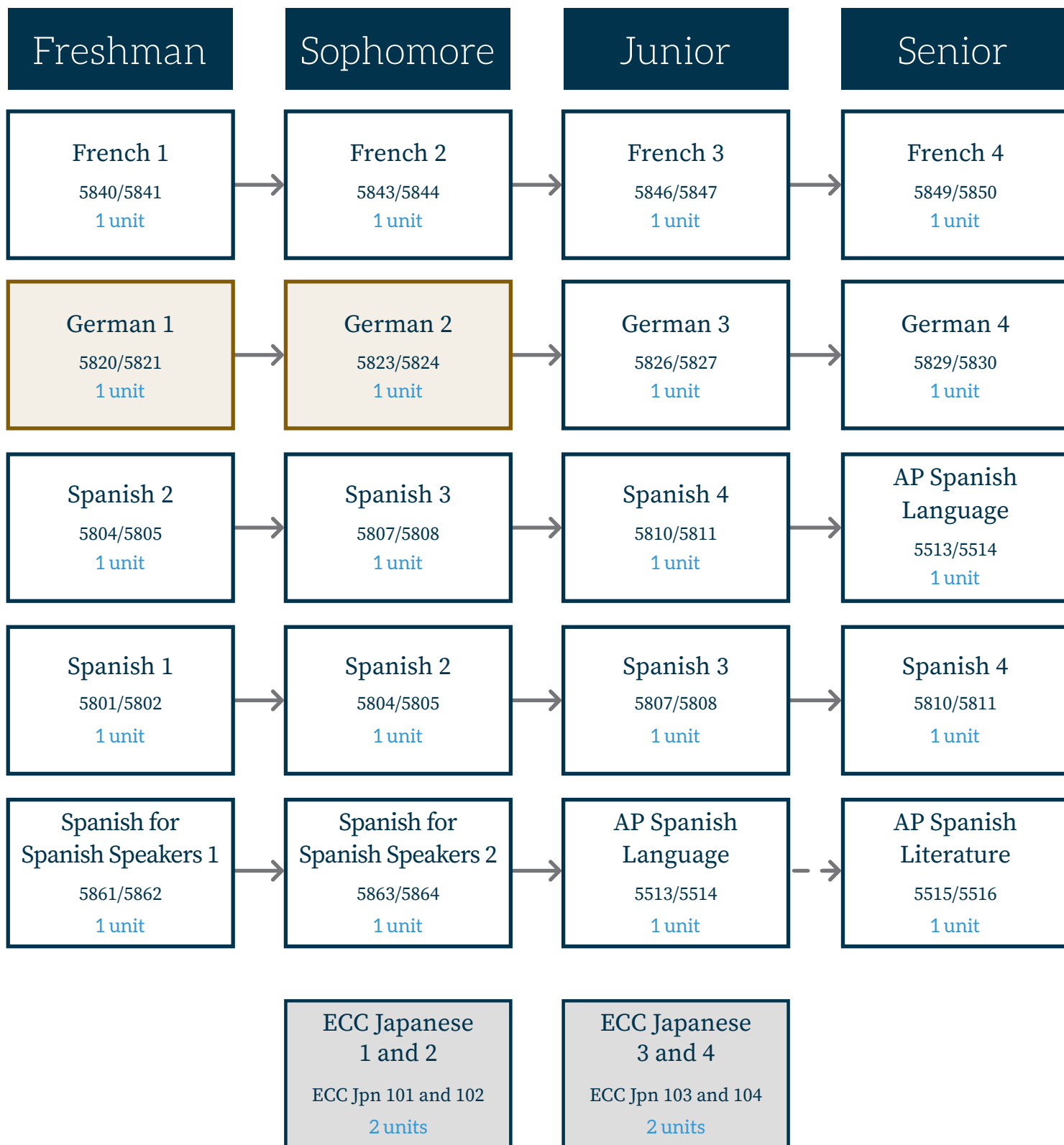
French IV (5849/5850)

Length/Credit: 2 semesters/1.0 unit

Grade: 9, 10, 11, 12

Prerequisite: French III or language proficiency at French Level III as determined by divisional approval. 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 and the class is taught primarily in French.

Academics | WORLD LANGUAGES



Dundee-Crown and Jacobs only
 ECC; page 31



DISTRICT 300

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www.d300.org

