

EAST AURORA HIGH SCHOOL



CURRICULUM GUIDE 2017-2018



EAST AURORA HIGH SCHOOL

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Dear Students and Parents/Guardians:

East Aurora High School has established a wide variety of course offerings that provides strong academic preparation along with extensive elective opportunities. The comprehensiveness of this curriculum enables our students to prepare for a variety of post high school experiences including a four-year college, community college, or career placement. To assist you, we have designed this course guide to represent different educational pathways which will in turn guide your course selections. This handbook contains valuable information needed for each student to develop his or her personal four year program of study as well as policies, procedures, and timelines regarding schedule adjustments after course registration. Every year students and parents should reflect on the student's success and experience and make appropriate revisions as needed to their four-year plan. As you review the information contained in this booklet, you will find many familiar courses in the traditional academic areas. In addition, our curriculum offers a well-rounded educational program that allows our students to select courses from a wide variety of elective areas. We encourage all students to take the time to learn about these elective courses as opportunities to expand their personal interests, explore work and career opportunities, and identify potential post-secondary programs of study. Because these are serious decisions, please take the time to look over the options and work in partnership with the school staff to ensure your success.

Here's to a successful 2017-18 school year. Remember Tomcats, the best preparation for tomorrow is doing your best today. Make today meaningful!

A handwritten signature in black ink that reads "Marina F. Kosak". The script is cursive and fluid.

Marina Kosak
Interim Principal

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DEVELOPING **A 4-YEAR PLAN: SAMPLE**

FRESHMAN YEAR

Fall Semester

Spring Semester

English (determined by placement)	0.5	English (determined by placement)	0.5
Math (determined by placement)	0.5	Math (determined by placement)	0.5
Science (determined by placement)	0.5	Science (determined by placement)	0.5
Social Studies (determined by placement)	0.5	Social Studies (determined by placement)	0.5
PE, Health, NJROTC or Band	0.5	PE, Health, NJROTC or Band	0.5
Elective	0.5	Elective	0.5
Total Credits Earned	3	Total Credits Earned	3

10 hours of Community Service should be completed in your Freshman year.

SOPHOMORE YEAR

Fall Semester

Spring Semester

English (determined by placement)	0.5	English (determined by placement)	0.5
Math (determined by placement)	0.5	Math (determined by placement)	0.5
Science (determined by placement)	0.5	Science (determined by placement)	0.5
Social Studies (determined by placement)	0.5	Social Studies (determined by placement)	0.5
PE or NJROTC or Band	0.5	PE or NJROTC or Band	0.5
Drivers Ed/Elective	0.5	Drivers Ed/Elective	0.5
Total Credits Earned	3	Total Credits Earned	3

10 hours of Community Service should be completed in your Sophomore year.

JUNIOR YEAR

Fall Semester

Spring Semester

English (determined by placement)	0.5	English (determined by placement)	0.5
Math (determined by placement)	0.5	Math (determined by placement)	0.5
PE or NJROTC or Band	0.5	PE or NJROTC or Band	0.5
Fine Art, World Language, CTE Elective	0.5	Fine Art, World Language, CTE Elective	0.5
Social Studies Elective	0.5	Social Studies Elective	0.5
Elective	0.5	Elective	0.5
Total Credits Earned	3	Total Credits Earned	3

10 hours of Community Service should be completed in your Junior year.

SENIOR YEAR

Fall Semester

Spring Semester

English (determined by placement)	0.5	English (determined by placement)	0.5
American Government/Consumer Ed	0.5	American Government/Consumer Ed	0.5
PE or NJROTC or Band	0.5	PE or NJROTC or Band	0.5
Elective	0.5	Elective	0.5
Elective	0.5	Elective	0.5
Elective	0.5	Elective	0.5
Total Credits Earned	3	Total Credits Earned	3

A total of 40 hours of Community Service, or 10 hours for every attendance year, must be completed by the end of Senior year.

Graduation Requirements

Course Requirements	
Subjects	Required Credits
English ₁	4
Math ₂	3
Science	2
American History	1
American Government & Civics ₃	0.5
Social Studies Elective	1
PE/NJROTC/Band	3
Consumer Education	0.5
Health	0.5
Art, Music, World Language, Vocational Electives	1
Drivers Ed (Classroom Only)	0.5
Electives	5
40 hours of Community Service	Must be completed
Appropriate Illinois State mandated testing ₄	Must be taken
Total Credits Needed to Graduate	22
Notes: 1. Students must complete 2 years of writing-intensive courses, one of which must be an English class; classes that satisfy this requirement are marked in the course descriptions 2. Math credits must include 1 year of Algebra I and 1 year of a Geometry content course 3. Per ILCS 5/27-22, all students enrolled in this course take and must pass the US Constitution Test 4. Mandated state testing must be taken per Illinois School Code before graduation	

Testing

All students are required to comply with all State of Illinois Testing Laws in order to graduate. The State of Illinois requires that all students be tested in English/reading, math, and science one time during high school in order to graduate. All high school students must take the SAT college-entrance exam on the state testing date in the spring of their junior year. The SAT assesses English, reading, and math. Additionally, students must take the Illinois Science Assessment (ISA) during the year that they take Biology, usually their freshman year. The US Constitution Test is a graduation requirement. All students will take and must pass the US Constitution Test in their American Government & Civics class. While enrolled in Physical Education courses, students are required to complete FitnessGram testing. FitnessGram assesses flexibility, cardiovascular endurance, and muscular strength and endurance. Students will take this assessment twice each semester that they are enrolled in PE to measure student improvement in these areas.

Drivers Education

The classroom portion of Drivers Education is required for graduation. Students can elect to take the driving portion of the course for an additional fee. Drivers Education is scheduled for students according to age. Freshmen are **NOT** eligible for Drivers Education. *A student must have passed 8 classes in the previous 2 semesters to qualify for Drivers Education per Illinois law.*

Community Service Graduation Requirement

At East Aurora High School, we strive to teach more than math and reading; we are preparing students for their future roles as leaders in our community. We believe that not all learning takes place inside a classroom and that community service and volunteer activities can provide students with valuable learning experiences that will help prepare them for their future. Volunteer and community service activities outside the classroom require students to apply knowledge and skills learned in academic classes to real-world situations as well as teach students many of the “soft-skills” required for successful job performance later in life, such as: punctuality and reliability, responsibility for task completion, and working together with others.

All students at East Aurora High School are required to complete 40 hours of community service, or ten hours for each year they attend East Aurora High School, prior to being issued a high school diploma. Students may begin to earn community service hours as soon as they complete eighth grade.

Community service hours can be recorded on the service hour form that can be picked up in the Main Office or from the counselors. All forms must be submitted to the student’s counselor to be documented and applied towards the graduation requirement.

Early Graduation

Senior students who have completed all graduation requirements and have the minimum graduation credits may request early graduation, but they will not receive their diplomas until May. It is the responsibility of the students to notify their counselor of their intent to work towards early graduation.

Minimum Course Loads

All students are required to take six subjects per semester including physical education (NJROTC or Band may be substituted for PE). Students are exempt from taking PE during the semester they take Health or Drivers Education.

Schedule Changes

Students will receive their course requests for the following year in the spring. They will be given a window of time to request changes. There will be no automatic changes once this window has closed. Any changes after this time would be at the discretion of the administration, the counseling staff, and the academic department chair. By state law, there can be absolutely no course change after the 10th day of the semester.

Grading

Semester Credits

In high school, the academic year is split into two semesters: fall and spring. Students earn final grades in each semester. It is important to understand how credits are earned. Students earn 0.5 credits for every semester class in which they earn a passing grade. A passing grade is a letter grade of at least a D or an earned percentage of 59.5 or better.

Grade Promotion

To be promoted to the next grade level, the following minimum number of credits is needed by the beginning of a new school year:

- To be classified as a **Sophomore**, a student must have earned a minimum of **5.5 credits**.
- To be classified as a **Junior**, a student must have earned a minimum of **11 credits**.
- To be classified as a **Senior**, a student must have earned a minimum of **16 credits and have taken State required testing**.

There may be, additional requirements to promote to the next grade level based on board policy and/or state testing requirements. If students do not meet the minimum number of credits to promote to the next grade level during the school year, they may have the opportunity to earn additional credits through summer school or outside of the school day. Students interested in these options should talk to their counselor.

Grade Point Average and Weighted Grades

In high school, students will earn points beginning with their first semester. These points accumulate throughout a student's time in high school. This is called a **Grade Point Average (GPA)**.

A student's grade point average is determined by dividing the total points earned by the number of classes taken. Only courses which are one semester in length will be calculated in the GPA. AP & Honors grade weight will be calculated as part of the GPA. Courses issued pass or fail grades are not calculated in the grade point average. Only final semester grades count towards a student's GPA, not progress report or quarter grades.

STANDARD COURSES

Unweighted GPA

A = 4 points

B = 3 points

C = 2 points

D = 1 point

F = 0 points

ADVANCED PLACEMENT & HONORS COURSES

Weighted GPA

A = 5 points

B = 4 points

C = 3 points

D = 2 points

F = 0 points

Class Rank

Students are ranked based on the **weighted grade point average** of all students in the class.

Valedictorian (ranked 1st) and Salutatorian (ranked 2nd) are based on the 7th semester class rankings.

College and Career Readiness

Career Planning

East Aurora High School provides students with many opportunities to prepare themselves for entrance into specific careers. Students are encouraged to discuss with their counselors the sequence of courses that will provide them with the training needed for preparation for their desired career. Students are also encouraged to take advantage of the resources of the EAHS College and Career Center, and to work directly with the College and Career Counselor.

College Planning

Colleges vary greatly in their admission requirements. In order to provide more options, students should carefully plan a four-year program.

Most universities recommend the following track of high school courses:

- 4 years of English
- 3 years of Social Studies
- 4 years of Math (through intermediate and college algebra)
- 3 years of Science
- 2 years of World Language
- 1 year of Fine Arts/Pre-professional or Vocational Electives

College-bound students should plan their schedules accordingly. Students who are planning to apply to highly selective colleges and universities should follow the above guidelines and consider four years of mathematics, science, and world language.

College Entrance Testing

Most colleges and universities require that students take an entrance exam, either the ACT or SAT, to complete their application; schools use the results of these exams to make admissions decisions. Many students choose to take these exams multiple times to improve their scores. Additionally, it is recommended that college-bound students take the PSAT during their junior year as the National Merit Scholarship Qualifying Exam. Students who are interested in applying to college should speak to their counselor to choose schools that match their needs and interests and to register for the necessary entrance exams.

Naviance

Naviance is an online college and career resource available to all East High students. Naviance provides East High students the resources to help them make informed decisions about their college and career pursuits. With a database of information on hundreds of different colleges and post-secondary programs, students can use Naviance's comprehensive search and matching tools to create a list of schools that fit their personal and academic interests. Naviance also helps facilitate the college application process by directly linking an account to students' EA counselor and teachers, allowing them to submit nearly all application materials, letters of recommendation, and other supporting documents (including official transcripts) electronically.

Naviance also has extensive information on different career paths and professional industries. With a variety of different vocational tests and assessments available to all students, Naviance can help students identify a number of different career opportunities in which they might be interested. Naviance also directly links to appropriate college, trade school, or training programs connected to those careers. The career component of Naviance is equally as important for those students that are college bound as it is for students that plan to go directly into the working world following their graduation from EAHS.

College Athletics

Students interested in participating in intercollegiate athletics and those who are being considered for an athletic scholarship to any National Collegiate Athletic Association (NCAA) Division I or Division II college or university athletic program must complete core course requirements. NCAA Division I is the highest level of intercollegiate athletics and tends to be large public and private universities. NCAA Division II is an intermediate level of intercollegiate athletics and tends to be smaller public schools and many private institutions.

Core Course Requirements: NCAA Division I and II require 16 core courses. Following the suggested guidelines for college preparatory coursework should satisfy NCAA standards.

Grade-Point Average: Only core courses approved by the NCAA Clearinghouse will be used in the calculation.

Student athletes should speak to their counselor upon entering high school and to look at the high school's list of NCAA-approved core courses on the Eligibility Center's website to make certain their courses are approved as NCAA courses. This information can be found at www.ncaaclearinghouse.net. It is recommended that by the end of their sophomore year, students apply for the Clearinghouse if they are planning on participating in a sport at a Division I or Division II school.

Test Scores

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Academic Equity

East Aurora High School provides each student with exposure to a challenging and rigorous curriculum. Students are encouraged to enroll in honors level, Advanced Placement, and dual-credit courses. Pre-requisites are used to recommend coursework and ensure a foundational knowledge base that will assist in students' academic success. In addition, teacher recommendations, test results, and grades are used to place students in courses. Placement is determined by what courses are best suited to the students' skills, abilities, and post-secondary goals.

Honors Program

East High offers honors classes in most academic areas. Our goal is to offer our students the opportunity to take the most challenging courses in which they can be successful. Students may take honors classes in as many or as few academic areas as they desire based on their strengths, future plans, and interests. All students are encouraged to work toward honors-level courses. Students who complete a rigorous high school program are more prepared for the challenges of post-secondary work than their peers. Parents and/or students who desire more information about eligibility and enrollment procedures for honors programs should contact the student's counselor.

Advanced Placement (AP) Program

East High offers AP courses in most academic areas. These classes are regulated by the College Board and must meet national standards in order to qualify as AP. Students who take AP courses may, for a fee, elect to participate in the national AP test dates in May. Beginning with the 2016-2017 school year, Illinois public colleges and universities must provide course credit to students who score at least a 3 (out of 5) on an AP exam. AP courses are available in Art, Music, Computer Science, World Language, Mathematics, English, Social Studies, and Science.

Articulated and Dual Credit Program

East High offers articulated credit courses in some academic areas through Waubensee Community College, except where noted. Students who earn a grade of "B" or better in these courses will earn both high school credit and credit at the partnering college. We also offer dual-credit courses in some academic areas through Waubensee Community College. These courses offer students high school credit and college credit that may transfer to other colleges and universities. Parents and/or students who desire more information about eligibility and enrollment procedures for either the articulated or dual credit program should contact the student's counselor.

Dual Credit Courses

Auto Mechanics II
Computer Applications II
Health Occupations Clinical-CNA
Introduction to Teaching
Medical Terminology
WCC Plane Trigonometry
WCC College Algebra
Welding Technology I & II

Articulated Credit Courses

Accounting II
Applied and Technical Math
Computer-Aided Drafting
Construction & Building Trades
Early Childhood Occupations I & II
Culinary Restaurant Management I & II*

* Articulated through Elgin Community College
and Joliet Community College

Fast Start Program

Fast Start is an early college program designed to allow students to spend their senior year of high school at Waubensee Community College. Students will work with both their high school counselor and an academic advisor at WCC to ensure that they are registering for the courses they need to graduate. Students enrolled in Fast Start will still be East High students and eligible to participate in all EAHS activities and events. Students will be responsible for WCC tuition costs. Students who are interested in the Fast Start Program should talk to their counselor. Students apply for the program in the spring of their junior year.

Seal of Biliteracy

East Aurora Schools District 131 is proud to offer the official Seal of Biliteracy to East Aurora High School students who have met all requirements as stipulated by Illinois State Board of Education and East Aurora School District 131. The Seal of Biliteracy is awarded to graduating Seniors who have attained proficiency in two or more languages. Student who do not meet the requirements for the Seal of Biliteracy are afforded the opportunity to meet requirements for a Commendation Toward Biliteracy. Both the Seal and Commendation encourage students to pursue biliteracy, honors the skills our students attain, and provides evidence of language competency that is attractive to future employers and college admissions offices. Our vision is to help students recognize the value of their academic success and see the tangible benefits of being bilingual.

Bilingual and English as a Second Language (ESL) Program

East Aurora High School offers courses specifically designed for students with limited English proficiency as determined by the Illinois Division of Language Learning. Through the program, students will become proficient in English while satisfying graduation requirements across all content areas. In ESL courses, English Learners receive explicit language instruction as well as development of language arts skills. In addition, English Learners have access to content area courses including math, science, and social studies in Spanish or in a sheltered English instruction environment. Recommendation for placement is based on the assessment of English language skills.

Special Education Program

District 131 offers special education programs and services to meet the unique needs of high school students up to 22 years of age determined to be eligible for special education services based upon an identified disability. These services are mandated by the Illinois State Board of Education and the federal government. The district provides a free and appropriate education in a least-restrictive environment for students who have any of the following exceptional characteristics: visual impairment, hearing impairment, physical and health impairment, speech and/or language impairment, specific learning disability, behavior/emotional disorder, mental impairment, or multiple impairments. A comprehensive case study review and multidisciplinary staffing conference are used to determine if a disability exists and if the student is eligible for special education services. On the basis of this assessment process and parent/guardian participation, students receive educational services in a setting which is as much like the academic program for non-disabled students as appropriate (i.e. in the least restrictive environment).

EAchieve- Credit Recovery Program

EAchieve provides services to students for early graduation, unique family/personal situations, supported transitional returns to EA from dropout status/detention, a proactive response to credit recovery needs, and optional supports for potential dropouts due to truancy. Courses are taken in an eLearning setting with intensive teacher interventions and support provided.

ELearning Night School is offered throughout the school year for credit recovery at a current registration fee of \$30 per online course. Students are required to attend night school a minimum of two days a week. ELearning Night School, with Administrative approval, may replace a students' attendance to EAHS during the day or can also be an add-on option for credit recovery or core coursework.

Aurora Pathways to Prosperity

Eight of every ten Illinois jobs require credentials or degrees more than a high school diploma. The Pathways courses of study are part of an innovative State of Illinois-led STEM education initiative designed to support college and career readiness for all students. The Pathways courses of study are organized around career clusters and feature a series of orientation and advanced pathway courses, including early college/College Dual Credit. These courses of study are designed to be accompanied by opportunities for students to enrich their learning through work-based learning experiences as well as demonstrate their understanding through assessments and industry credentialing opportunities. Each Pathway is designed to maximize opportunities and eventually lead to stackable credentials including associate, baccalaureate, and post-graduate degrees.

East Aurora High School Pathway Opportunities

Information Technology	Health Sciences	Manufacturing
119/120-Computer Apps 1 + 123/124-Computer Apps 2* 523/524-Web Page Design 751/752 Medical Terminology*	339/340-Intro to Health Occupations 342-Health Occupations Clinical* 751/752-Medical Terminology*	519/520-Introduction to Manufacturing 509/510- Introduction to Woods 515/516- Introduction to Technical Drafting 503/504-Engineering + 505/506-ComputerAided Drafting + 511/512-Introductin to Electronics 513/514-Advanced Electronics and Computer Repair 525/526-Welding Technology* 533/534- Introduction to Autos 535/536 & 537/538- Auto Mechanics I & II* 543/544 & 537/538-Woods I & II 545/546-Intro to Home Repair, Construction and Trades 547/548-Construction and Building Trades I & II +

* Denotes offered for Dual Credit through Waubensee Community College

+Denotes offered for articulated credit through Waubensee Community College

Clubs and Activities

At East Aurora High school there are a wide variety of athletics, clubs, and activities available. Students should choose an activity that suits their interests, and help prepare them for the future.

Anime Club	Mathletes
Art Club	Music Club (Tri-M Music Honor Society)
Art National Honor Society	Musicals
Auroran (Newspaper)	National Honor Society
Bilingual Honor Society	NJROTC Academic Team
Book Club	NJROTC Color Guard
BPA (Business Professionals of America)	NJROTC Drill Team
Chess Club	NJROTC Dance, Drum and Bugle Corps
Class Councils	NJROTC Physical Fitness Team
Cooking/Cuisine Club	NJROTC Rifle Team
DECA (Business and Leadership)	PeaceJam
FCCLA (Family, Career, and Community Leaders of America)	Photography Club
FEA (Future Educators of America)	Quill and Scroll
Film-Video Club	R.A.P. Club
French National Honor Society	Scholastic Bowl
German National Honor Society	Science (ECO) Club
GSA (Gay-Straight Alliance)	Science National Honor Society
Guitar Club	Skills USA (Career and Technical)
Habitat for Humanity	Snowball
Heavy Metal Music Club	Social Studies Club
Hispanic National Honor Society	Speculum (Yearbook)
HERO (Home Economics Related Occupations)	Speech Activities
Key Club	Stage Design
Literary Magazine (The Reaper and the Sower)	Student Council
Marching Band	Tech Club
Math National Honor Society	Thespian (Drama) Club
	Tomcat Athletic Leaders

Athletics

Badminton	Cheerleading	Golf	Softball
Baseball	Cross Country	Indoor Track	Tennis
Basketball	Dance Team	Outdoor Track	Volleyball
Bowling	Football	Soccer	Wrestling

English

Grade 9

Individual Reading

Survey of Literature
Survey of Literature Extended

Survey of Literature
Honors or Magnet

Grade 10

World Literature
World Literature Extended

World Literature
Honors or Magnet

Grade 11

American Literary Themes

American Literary Themes
Honors

AP English Language &
Composition

Grade 12

One of These:
Rhetoric
Humanities
Humanities Honors
Masterpieces in British
Literature
Survivor Literature

Two of These:
Creative Speaking Honors
Cinema Studies Honors
Writing Workshop

AP English Literature &
Composition



Other Departmental Courses
May Be Taken Out of Sequence:
Journalism
Yearbook Production

English

Survey of Literature

Survey of Literature Extended

Grade: 9 Credit: 1.0

This course is designed to emphasize literature and composition. Argument and narrative writing in short and complete compositions coincides with a study of the novel and poetry. The elements of fiction are covered through short stories and poetry. The skills of making inferences, determining main idea, theme, and, significant details, and the use of context clues are introduced. The spring semester continues the focus of writing coincided with the study of drama, poetry, and literary non-fiction. Students are also required to complete one independent reading project and one oral presentation per semester. Research skills are applied throughout the year. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Survey of Literature Honors/Magnet

Grade: 9 Credit: 1.0

This course is designed to emphasize literature and composition. The fall semester concentrates on the elements of fiction in regard to the short story, poetry, and the novel. The spring semester continues the focus of writing coincided with the study of drama and literary non-fiction. Reading and writing skills are consistently applied throughout, with the first semester concentrating on argument writing, and the second semester focusing on research. At the honors/magnet level, additional texts are covered and at a more rapid pace, allowing for comparison and the exploring of concepts in greater depth. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Freshman English Fundamentals

Grade: 9 Credit: 1.0

This course is designed to focus on the essentials for skill-based learning students. This course provides students with the fundamentals necessary for their future work in English. Students explore current events, basic writing skills, reading comprehension strategies, and vocabulary building using a multimedia approach. Student's work is scaffold through the use of online programming and supplemental materials to enhance skills aimed at independent living and vocation. IEP team recommendation is required.

World Literature

World Literature Extended

Grade: 10 Credit: 1.0

Students in this course study literature from around the world. There are four major units of study covering Latin and Central American literature, African literature, Middle Eastern literature, and South and East Asian Literature. Each unit allows for close study of literary works, as well as consideration of historical and cultural context. The units focus not only on geographical regions, but also on themes and literary forms that pertain to them. Thus, students come to grasp the relationship between local concerns and universal questions. Throughout the year, students take part in seminars, write essays, practice grammar and usage, and deliver speeches. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

World Literature Honors/Magnet

Grade: 10

Credit: 1.0

Students in this course study literature from around the world. There are four major units of study covering Latin and Central American literature, African literature, Middle Eastern literature, and South and East Asian Literature. Each unit allows for close study of literary works, as well as consideration of historical and cultural context. The units focus not only on geographical regions, but also on themes and literary forms that pertain to them. Throughout the year, students take part in seminars, write essays, practice grammar and usage, and deliver speeches. At the honors/magnet level, additional texts are covered, including some more ancient pieces, and at a more rapid pace, allowing for comparison and the exploring of concepts in greater depth. Authors explored at this level include Jorge Luis Borges, Julio Cortazar, Gabriel Garcia Marquez, Confucius, Salmon Rushdie, and others. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Sophomore English Fundamentals

Grade: 10

Credit: 1.0

This course is designed to focus on the essentials for skill based learning students. Students explore current events, basic writing skills, reading comprehension strategies, and vocabulary building using a multimedia approach. Students' work is scaffolded through the use of online programming and supplemental materials to enhance skills aimed at independent living and vocation. Students will understand what is needed for effective communication and how it works. The skills addressed are as follows: reading, listening, and evaluating oral, visual, and written texts in order to gather information, analyzing technique, and formulate an opinion. Additionally, students will write and speak for many different purposes. Students will learn the fundamentals of claim development and support. IEP team recommendation is required.

American Literary Themes

Grade: 11

Credit: 1.0

This course chronicles themes that have existed since the beginning of the nation while emphasizing reading and writing skills needed beyond high school. Students will explore rich and compelling texts in all genres that portray the fundamental multiculturalism of America, including the writing and speeches of early leaders, founding documents of the American Revolution, and contributions brought to this country by immigrants, refugees, and exiles. Juniors will discuss, debate, and write about what constitutes, in a democratic society, individual freedom and the right to speak and to create. The powerful current of struggle and dissent in American literature demands interdisciplinary connections to history, the arts, music, and popular culture. The American Dream as a paradigm of our national character will be examined from many points of view as students study American writers and artists. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

American Literary Themes Honors

Grade: 11 Credit: 1.0

This course chronicles themes that have existed since the beginning of the nation while emphasizing reading and writing skills needed beyond high school. Students will explore rich and compelling texts in all genres that portray the fundamental multiculturalism of America, including the writing and speeches of early leaders, founding documents of the American Revolution, and contributions brought to this country by immigrants, refugees, and exiles. Juniors will discuss, debate, and write about what constitutes, in a democratic society, individual freedom and the right to speak and to create. This course traces the development of the American Dream from the Puritans to contemporary American war and protest. At the honors level, one additional text per unit is covered and at a more rapid pace, allowing for comparison and the exploring of concepts in greater depth. Students will also be expected to produce essays and multi-media presentations that showcase students' concepts of their lives and how they represent particular aspects of the American experience as it relates to their study of American readings. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Junior English Fundamentals

Grade: 11 Credit: 1.0

This course is designed to focus on the essentials for skill based learning students. Students explore current events, expanded writing skills, comprehension strategies, and vocabulary building using a multimedia approach. Student's work is scaffolded through the use of online programming and supplemental materials to enhance skills aimed at real world experiences. Students complete a variety of tasks such as the following: letter writing, resume building, job skills, and increased social awareness. This class will expand students' ability to use written expression for their expository, critical, and narrative essays. Students read from a variety of genres that forward their analysis for class discussion and assignments outside of the classroom. Students participate in curriculum-centered activities that engage them in critical thinking and using technology as a tool to enrich projects, presentations, and writing assignments. IEP team recommendation required.

AP English Language and Composition

Grade: 11 Credit: 1.0

This is a college level course for juniors, and students may obtain college credit by earning a qualifying score on the Advanced Placement exam. Students are expected to become proficient in the areas of reading, literary analysis, argumentation, writing, grammar and usage, oral communication, and research as they are used at the collegiate level. The course emphasizes a variety of British and American texts, both fiction and nonfiction. This writing intensive course focuses on literary analysis, rhetorical analysis, synthesis, and argumentation, and is more rigorous than the honors level. The complexity and regularity of the writing assignments, ranging from process essays to a research paper, requires students to assume an increasing degree of independence as the year progresses. Students also engage in independent reading and intensive vocabulary study throughout the year. Teachers will expect that students complete the required summer reading as well as make regular contributions to discussion. Students enrolled in this course are expected to take the Advanced Placement exam in May. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Rhetoric

Grade: 12

Credit: 1.0

This course is designed for seniors to focus on the essential reading, writing, and other rhetorical skills that students will need in college and career. Specifically, students develop their ability to write with clarity and purpose according to accepted standards; read with comprehension while demonstrating the ability to critically analyze what they read; engage others in public discussion about issues generated by the reading, and closely attend to the thoughts and ideas generated by others. In addition to reading, writing, listening and speaking about several core texts, students in this class also engage in independent readings of popular texts they find personally appealing. Readings will include contemporary authors and span several genres such as science fiction, mystery, horror and nonfiction. As well as reading traditional literature for this course, students have the opportunity to analyze texts not commonly perceived as "literature" including popular phenomena such as music, newspapers, visual art, magazines, movies and other non- traditional "texts." ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Senior English Fundamentals

Grade: 12

Credit: 1.0

This course is designed to focus on the essentials for skill based learning students. Students explore current events, expanded writing skills, comprehension strategies, and vocabulary building using a multimedia approach. Student's work is scaffold through the use of online programming and supplemental materials to enhance skills aimed at real world experiences. Students complete a variety of tasks such as: letter writing, resume building, job skills, and increased social awareness. This class further expands students' ability to use written expression for their expository, critical, and narrative essays, with college preparedness as a central focus. Students read from a variety of genres using a critical lens to forward analysis for class discussion and assignments outside of the classroom. Students participate in curriculum-centered activities that engage them in critical thinking, and technology serves as a tool in this course to forward projects, presentations, and writing assignments. IEP team recommendation is required.

Humanities

Grade: 12

Credit: 1.0

This senior level course focuses on what are regarded as the "traditional humanities" of western civilization. Among these are the arts of literature, painting, music, sculpture, and architecture and the discipline of philosophy. These subjects are not studied in isolation but within the context of important developments in science, technology, economics, politics and general history. The class is chronological in arrangement, beginning with prehistory, the early cultures of Greece and Rome, Middle Ages, and the Renaissance, working up through the twentieth century. A major intent of the course is to help students understand their own world through a careful examination of western cultural heritage. Throughout the course, the accomplishments of the past will be considered not as museum pieces, but as living evidence of enduring responses to the perplexities of life. The work in this course is centered on reading, writing, note-taking, projects, testing and discussion. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Humanities Honors

Grade: 12 Credit: 1.0

This senior level course focuses on what are regarded as the "traditional humanities" of western civilization. Among these are the arts of literature, painting, music, sculpture, and architecture and the discipline of philosophy. These subjects are not studied in isolation but within the context of important developments in science, technology, economics, politics and general history. The class is chronological in arrangement, beginning with prehistory, the early cultures of Greece and Rome, Middle Ages, and the Renaissance are covered in the fall semester. Man's cultural achievement in Baroque, Neo-Classic, and Romantic periods, along with the twentieth century, are studied in the spring semester. At the honors level, additional texts are covered and at a more rapid pace, allowing for comparison and the exploring of concepts in greater depth. A major piece of research writing and the presentation of findings are accomplished here as well. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Masterpieces in British Literature

Grade: 12 Credit: 1.0

This is a survey course for seniors organized around thematic units based on broad questions addressed and explored throughout the literature. Students study and discuss significant works from the Anglo-Saxon warrior-hero literature of *Beowulf* to the novels of the twentieth century. In addition to the literature, students will focus on literary analysis writing, listening, and speaking as they examine such texts as *The Canterbury Tales*, Romantic poetry, Shakespeare's *Macbeth*, short stories, and the modern novel. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Survivor Literature

Grade: 12 Credit: 1.0

This is a rigorous writing and reading intensive course for seniors through which the students will be formulating a definition of what it means to be a 'survivor'. This will be done through the reading of roughly 1800 pages of literature dealing with the Holocaust, Slavery, WWI, September 11th, and natural disasters. Students will also write a process essay at the completion of each of the six major texts. Daily discussion is a large focus of the course. Additionally, there will be multiple opportunities for community service related to the classroom learning. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Creative Speaking Honors

Grade: 12 Credit: 0.5

Senior students in this one semester course study the aspects of effective interpersonal communication and apply these skills through the performance of speeches. Students will engage in structured discussion opportunities and will have a variety of occasions for public speaking. As the students shift from one speaking occasion to another, they will attend to changes in audience needs, technique, format, and emphasis. Students will also study public speaking as performance. Students will also participate in the critical assessment of their own speech performance and the performances of others. ***NCAA Approved.***

Cinema Study Honors

Grade: 12 Credit: 0.5

This one semester senior course develops skills in analysis, criticism, and appreciation of literature and film. The course emphasizes the major historical movements of film and the art of filmmaking. Students learn about the formal elements of film: Mise en scène, cinematography, editing, and sound. Students also study film reviews, screenplays based on novels and short stories, and the principles of adaptation. Analytical, review, and comparative/contrast writing assignments are included.

Writing Workshop

Grade: 12 Credit: 0.5

This one semester writing course for seniors will serve the needs of students who have a personal interest in further developing their writing skills. Students in this class work on composing narrative, argument, and expository writing. Both creative and professional pieces are a focus. Writing style, organization, and diction are emphasized. The six traits of writing are applied, and MLA style is examined as students' link research skills to writing. A major component of the course is sharing writing with peers and providing a critical assessment of both the student's own writing and the writing of others. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

AP English Literature & Composition

Grade: 12 Credit: 1.0

This is a college level course for seniors, and students may obtain college credit by earning a qualifying score on the Advanced Placement exam. This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students 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. Several higher level pieces of process writing accompany the reading. Students enrolled in this course are expected to take the Advanced Placement exam in May. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

Individual Reading

Grade: 9 Credit: 1.0

This course is a reading intervention for freshmen designed to meet the needs of struggling readers whose reading achievement is below proficient level. Course placement is based on a variety of data pieces taken from 8th grade achievement. The program directly addresses individual student needs through differentiated instruction, adaptive and instructional software, high-interest literature, and blended learning in reading, writing and vocabulary skills. This course is graded on a pass/fail basis. Students enrolled in this class also take a full-year of Survey of Literature.

Journalism*Grade: 9-12**Credit: 0.5*

This elective class introduces students to the basic concepts of news writing and newspaper publication. After completing the class, students will be able to conduct interviews and use this information effectively in a story. Students will learn to compose and revise stories for publication. Students will have the opportunity to understand newspapers more thoroughly, begin writing for the school paper, and develop confidence in their ability to write. Students will take this course while also taking another English course. Journalism may be taken for a semester or the entire year. This course may be repeated for elective credit.

Yearbook Production*Grade: 9-12**Credit: 1.0*

Yearbook Production is a yearlong elective course focused on the publication of East Aurora High School's yearbook. Throughout the course, students work together to produce a book which records the history of academics, athletics, and social events during the year and which captures the spirit of the high school and the community. Writing and studying in a newsroom atmosphere, members of the yearbook staff develop their skills in journalistic reporting and writing, graphic design, editing, desktop publishing, and yearbook photography. Every participant is expected to act as a responsible student journalist, to engage in classroom activities, to report on school events, to design yearbook pages, to write copy, and to meet assigned deadlines. Students will take Yearbook Production while also taking another English class. This course may be repeated for elective credit.

Mathematics

Grade 9

Algebra Part I

Algebra I
Algebra I Extended

Algebra I Honors

Geometry
Honors or Magnet

Grade 10

Algebra Part II

Geometry
Geometry Extended

Geometry Honors

Algebra II
Honors or Magnet

Grade 11

Geometry

Algebra II

Algebra II
Honors

Pre-Calculus
Honors

Grade 12

Algebra II

One of These:
Applied & Technical Math
College Algebra
OR

Both:
WCC College Algebra
WCC Plane Trigonometry

Pre-Calculus
Pre-Calculus Honors

One of These:
AP Calculus AB
AP Statistics
AP Computer Science A



Other Departmental Courses
Math Interventions
AP Computer Science Principles

Mathematics

Algebra I

Algebra I Extended

Grade: 9 Credit: 1.0

The course is designed to focus on the fundamental principles of algebra. Algebraic symbolism, simplifying expressions, solutions to equations and graphic representations associated with variables will be introduced. Students will utilize concepts, skills, representations, and techniques that address linear functions, exponential functions, quadratic functions, and systems of equations. At the honors level, students will be asked to expand their level of understanding and broaden their mathematical thinking. Successful completion of this course will prepare students for entry into Geometry. **NCAA Approved.**

Algebra I Honors

Grade: 9 Credit: 1.0

This course is designed to focus on the fundamental principles of algebra. Students will be provided with an extensive background in algebra topics. Within the topics of algebraic symbolism, simplifying expressions, solutions to equations and graphic representations, students will be studying at greater depth in order to prepare them to take advanced mathematics courses. Successful completion of this course will prepare students for entry into Geometry Honors. **NCAA Approved.**

Algebra Part I

Grade: 9 Credit: 1.0

This course is designed to emphasize the development of problem solving skills and strategies to approach problem situations through multiple representations (including tables, graphs and equations) to model and analyze linear functions, systems of equations, quadratic functions and exponential. Students will be working with the real number system, writing and solving equations and inequalities, ratios and proportions. This course satisfies a math elective credit. Successful completion of this course will prepare students for entry into Algebra Part II. **NCAA Approved.**

Algebra Part II

Grade: 10 Credit: 1.0

This course continues content that began in Algebra Part I. Students will work with topics that include the study of graphs, functions, linear equations, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic functions and probability. By the end of this course, students will have developed a strong foundation in using the mathematical practices for success in future mathematics courses. This course satisfies the Algebra I requirement for graduation. Successful completion of this course will prepare students for entry into Geometry. **NCAA Approved.**

Algebra Fundamentals

Grade: 9 Credit: 1.0

This course is designed for students needing reinforcement of the basic concepts of elementary algebra. Students will explore estimation, computation, and abstract reasoning skills. The class will also cover number sense and relevance, fractions and mixed numbers, decimals, percent's, integers, geometric figures and their properties, surface area, and linear function. IEP team recommendation is required.

Practical Elements of Math

Grade: 9 Credit: 1.0

This course is designed for students needing reinforcement in estimation, computation, and abstract reasoning skills. The class will also cover number sense and relevance, fractions and mixed numbers, decimals, percent's, integers, geometric figures and their properties, surface area, and linear function. IEP team recommendation is required.

Practical Elements of Algebra

Grade: 9-10 Credit: 1.0

This course will introduce and reinforce learning of the use of variables, substitution of numbers for variables, solving equations and inequalities, ratios and proportions, Cartesian graphing, linear equations, powers and roots, and the basics of factoring. IEP team recommendation and/or successful completion of Practical Elements of Math are required.

Geometry

Geometry Extended

Grade: 10-11 Credit: 1.0

This course introduces sets of points and related properties. Topics studied include lines, angles, and polygons with emphasis on circles, planes and surfaces of geometric solids. Other topics studied include area and volume, similarity, congruency, parallelism and perpendicularity, and logic. This course emphasizes systematic approaches to and processes for proving and applying theorems. Algebra is utilized extensively during the course. Successful completion of this course prepares the students for Algebra II. *NCAA Approved.*

Geometry Honors/Magnet

Grade: 9-10 Credit: 1.0

This course requires students to complete an in-depth study of Euclidean Geometry. Topics include coordinate geometry, proof, congruent triangles, similar triangles, polygons, circles, area and volume. In this course, students will be expected to extend problem solving skills and develop a sense of logical reasoning to communicate mathematics. Successful completion of this course prepares the students for Algebra II Honors. *NCAA Approved.*

Practical Elements of Geometry

Grade: 10-12 Credit: 1.0

The course will introduce and reinforce learning of angles, lines, and planes, geometric figures such as polygons and circles, the area and volume of figures, parallelism and perpendicularity, and the use of formulas to determine dimensions of plane figures. IEP team recommendation and/or successful completion of Practical Elements of Algebra are required.

Geometry Fundamentals

Grade: 10-12

Credit: 1.0

This course uses practical problems and hands-on geometry and measurement to teach numerical relationships. This course will reinforce learning of the study of angles, lines, and planes, geometric figures such as polygons, circles, and polyhedral, the area and volume of figures, the concepts of similarity, congruence, parallelism and perpendicularity, and solving geometric problems using logic and algebraic skills.

IEP team recommendation and/or successful completion of Algebra Fundamentals is required.

Practical Consumer Math

Grade: 11-12

Credit: 1.0

This fourth year consumer math class is based upon personal life skills math, appropriate for all instructional special education students. Emphasis will be centered upon management of personal finances, making responsible expenditures, keeping financial records, calculating and paying taxes, banking services, and using credit wisely. IEP team recommendation is required.

Algebra II

Grade: 10-12

Credit: 1.0

This course is designed to provide students with a thorough background in advanced algebraic topics. Students will utilize multiple representations to analyze topics including linear equations and inequalities, sequence writing (arithmetic and geometric), recursive and explicit writing of equations that are discrete and continuous, systems of equations and inequalities, properties of parent functions and transformations, domain and range of functions, graphing, inverses, polynomials, exponentials and logarithms, complex numbers, trigonometry, and rational expressions. ***NCAA Approved.***

Algebra II Honors/Magnet

Grade: 10-11

Credit: 1.0

This course is designed to provide students with an extensive background in advanced algebraic topics. Students will investigate topics including inverses and transformations of functions, the study of families of functions with an emphasis on modeling and systems of equations. Within these topics, some are studied at greater depth in order to prepare students to take advanced mathematics courses. ***NCAA Approved.***

Pre-Calculus

Grade: 11-12

Credit: 1.0

The course includes the study of rates of change, linear, polynomial, rational, and trigonometric functions and their graphs, vectors, polar coordinates, complex numbers, conics, exponential and logarithmic functions, and sequences and series. Successful completion of this course prepares students for college-level calculus, College Algebra and Plane Trigonometry. ***NCAA Approved.***

Pre-Calculus Honors

Grade: 11-12

Credit: 1.0

This course provides an in-depth study of pre-calculus mathematics. Topics include polynomial, rational, algebraic, exponential, logarithmic, and trigonometric functions and relations, conics and their properties, the complex number system, inequalities, probability and statistics. Successful completion of this course prepares students for AP Calculus. ***NCAA Approved.***

College Algebra

Grade: 11-12 Credit: 1.0

This course includes the study of the real and complex number systems, polynomials, rational functions, exponents and radicals, matrices, functions and relations, algebraic functions, inequalities, mathematical induction and the binomial theorem. ***NCAA Approved.***

WCC College Algebra

Grade: 11-12 Credit: 0.5

Dual Credit with Waubensee Community College

This course includes the study of the real and complex number systems, polynomials, rational functions, exponents and radicals, matrices, functions and relations, algebraic functions, inequalities, mathematical induction and the binomial theorem. This course is intended for students looking for a fourth year math course but are not wanting to take calculus. This course will prepare students for Plane Trigonometry and more advanced college-level courses. ***NCAA Approved.***

WCC Plane Trigonometry

Grade: 11-12 Credit: 0.5

Dual Credit with Waubensee Community College

This course concentrates on trigonometric functions and their applications. Topics include the solution of right triangles, radian measure, fundamental identities, logarithms, trigonometric equations, inverse trigonometric functions, and complex numbers. Plane Trigonometry is only offered as dual credit. This course is intended for students looking for a fourth year math course but are not wanting to take calculus. This course will prepare students for more advanced college-level courses. ***NCAA Approved.***

AP Calculus AB

Grade: 12 Credit: 1.0

This is a college level course for seniors, and students may obtain college credit by earning a qualifying score on the Advanced Placement exam. AP Calculus AB is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. This course includes the study of functions limits and continuity, derivatives and their applications, definite integrals and their applications, transcendental functions, and plane analytic geometry. Successful completion of this course prepares students for additional college-level calculus courses. Students enrolled in this course are expected to take the Advanced Placement exam in May. ***NCAA Approved.***

AP Statistics

Grade: 12 Credit: 1.0

This is a college level course for seniors, and students may obtain college credit by earning a qualifying score on the Advanced Placement exam. This course is intended to introduce students to the major concepts and tools necessary for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns and statistical inferences. Students will work on projects involving hands-on gathering and analysis of real-world data. Ideas and computations in this course have immediate links and connections with actual events. Successful completion of this course prepares students for additional college-level courses. Students enrolled in this course are expected to take the Advanced Placement exam in May. *NCAA Approved.*

AP Computer Science Principles

Grade: 9-12 Credit: 1.0

AP Computer Science Principles teaches students programming while emphasizing problem solving and logic development. Other topics explored in this course are the impact of computer science and the use of computational tools in data analysis. Students are taught to use computer tools to solve problems pertaining to computer science. Successful completion of this course prepares students for additional college-level courses in computer science. Students enrolled in this course are expected to take the Advanced Placement exam in May. *NCAA Approved.*

AP Computer Science A

Grade: 11-12 Credit: 1.0

This course introduces students to the major topics of Computer Science. This course is the equivalent of a first semester college level course in Computer Science and includes the study of object-oriented program design, program implementation, program analysis, data structures, algorithms, and an overview of the computer science environment. Successful completion of this course prepares students for additional college-level courses in computer science and satisfies the math elective credit. Students enrolled in this course are expected to take the Advanced Placement exam in May. *NCAA Approved.*

Applied and Technical Mathematics

Grade: 11-12 Credit: 1.0

Articulated credit with Waubensee Community College

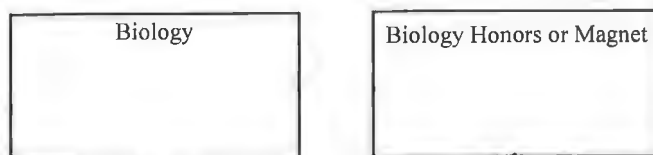
This course is intended for students who are majoring in a technical or vocational field. It provides a review of arithmetic operations including fractions, and focuses on the applications of arithmetic, algebra, and geometry in various trades. This course will prepare students for apprenticeships and/or careers in the trades and other vocational areas.

Math Interventions*Grade: 9**Credit: 1.0*

This course is offered in addition to a student's Algebra I class. It provides practice for students needing to strengthen their fundamental skills in math. Students that successfully complete this course will have developed a strong foundation in using the mathematical practices for success in future mathematics courses. This course is offered on a pass/fail basis, and satisfies an elective credit.

Science

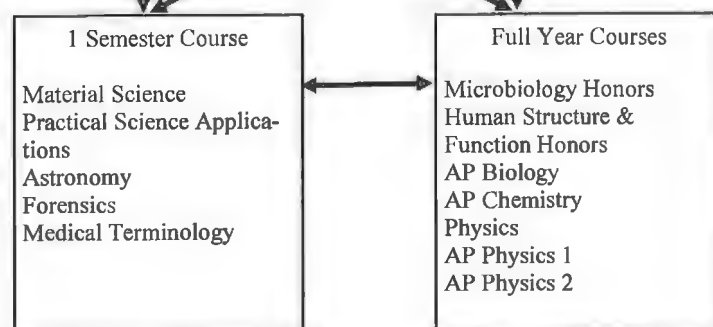
Grade 9



Grade 10



Grade 11/12



Science

Biology

Grade: 9 Credits: 1.0

The content of this course includes cellular structure and function, biochemistry, theories of evolution, structures and functions of single-celled and multi-cellular organisms (including humans), biotechnical genetics and heredity, and human impact on the earth. This course provides both the scientific processes and biological concepts important in the study of life. Students investigate biology through inquiry, hands-on labs, and real-life applications. This course has a \$10 lab fee. **NCAA Approved.**

Biology Honors/Magnet

Grade: 9 Credits: 1.0

This course is an investigation of the characteristics of living organisms and their interdependence; it covers the chemistry of life, cell biology, cell cycles, heredity, evolution and classification, energy and reproduction in living systems, and ecology. Through class discussion, laboratory experiments, and content analysis, students will investigate the relationships of life forms. Honors Biology will give students the opportunity to explore in greater detail the topics covered in the standard biology class, as well as give students increased responsibility toward the quality of work completed both in and out of class. This course will expand students' knowledge of the biological sciences. This course has a \$10 lab fee. **NCAA Approved.**

Life Science Fundamentals

Grade: 9-12 Credits: 1.0

This course is designed to provide understanding of both the scientific process and biological concepts important in the study of life using real life applications. This course is the study of living organisms and their ecological relationships. Students will focus on concepts that will help them understand the general characteristics of life. IEP team recommendation is required.

Earth Science

Grade: 10-12 Credits: 1.0

This course is designed to help students interpret and understand the world around them. Topics that are covered include astronomy, the history of the earth, the earth's systems, meteorology, and human impact on the earth. Students investigate earth science through inquiry and real-life applications. This course has a \$10 lab fee. **NCAA Approved.**

Earth Science Fundamentals

Grade: 10-12 Credits: 1.0

Earth Science Fundamentals is a study of the features and forces of the earth and its place in the solar system and the universe which provides an understanding of the components of the universe and their interactions focusing more specifically on the solar system. This course introduces students to such topics as geology, oceanography, meteorology, and astronomy. IEP team recommendation and/or successful completion of Life Science Fundamentals are required.

Chemistry

Grade: 10-12 Credits: 1.0

This course emphasizes basic chemistry concepts and the impact of these concepts on real-life applications. Major concepts include measurement, classification of matter, nomenclature, atomic structure, the Periodic table, stoichiometry, gas laws, and thermochemistry. Problem solving, critical thinking, and inquiry are emphasized. Students need a scientific calculator. This course has a \$10 lab fee. **NCAA Approved.**

Chemistry Honors/Magnet

Grade: 10-12 Credits: 1.0

This course is intended to help students realize the important role that chemistry will play in their personal lives. Topics to be studied include chemistry laboratory skills, the classification and structure of matter, ratio and proportion of chemical reactions, physical chemistry, acid-base chemistry, kinetics, thermodynamics, electrochemistry, and organic chemistry. Critical thinking, inquiry, and science ethics are stressed in this class. This course has a \$10 lab fee. **NCAA Approved.**

Material Science

Grade: 10-12 Credits: 0.5

This laboratory-based course will address the general properties of materials. Materials are all around us and literally shape the world in which we live. Topics will include crystal structure, extended and point defects, and mechanical, electrical, thermal and magnetic properties of metals, ceramics, polymers, composites and organic materials. Its emphasis is on the physical world of human beings and the chemical nature of everyday materials. The course is presented in a highly visual fashion with diverse experiments and projects to reinforce scientific ideas taught in class. This course has a \$5 lab fee.

Practical Science Applications

Grade: 10-12 Credits: 0.5

This laboratory-based course will address the impact of science on society. The course emphasis is on the physical world of human beings and the chemical nature of everyday products. Students will discuss basic chemical and physical principles to discover how science affects every aspect of our lives. Topics include the science of food, medicines, beauty, waves and communication, sports, and energy. The main objective is to increase students' awareness of the central role science plays in their daily life and allow students to make well-informed decisions. This course has a \$10 lab fee.

Forensic Science

Grade: 11-12 Credits: 0.5

This course involves components from all of the other sciences- biology, chemistry, and physics- as they relate to the law. Major topics include the history of forensic science, crime scenes, physical evidence, DNA analysis, fingerprints, hairs and fibers, and drugs. Emphasis will be placed on the developing and understanding of relevant scientific concepts through the use of case studies, research, laboratory, and activities. This course has a \$10 lab fee. **NCAA Approved.**

Astronomy

Grade: 10-12 Credits: 0.5

In this course, students conduct laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving in the study of the universe. The following topics will be covered: information about the universe; scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our solar system, planets, and the orientation and placement of the earth.

NCAA Approved.

Medical Terminology

Grade: 11-12 Credits: 0.5

Dual Credit with Waubensee Community College

This course is designed to teach word elements of roots, combining forms, suffixes, and prefixes, definitions, spelling and the use of correct abbreviations of medical terms. The course content is organized around body systems and emphasizes the terminology and application related to health information technology.

Physics

Grade: 11-12 Credits: 1.0

This course is the study of the laws and principles that govern matter and energy using mathematical models. Major concepts include motion, forces, energy, waves, magnetism, and electricity. Problem solving, critical thinking, and inquiry are emphasized. Students will engage in class discussion, perform problem analysis, conduct laboratory investigations, and produce both individual and group projects. Students need a scientific calculator. This course has a \$10 lab fee.

NCAA Approved.

AP Physics 1

Grade: 11-12 Credits: 1.0

This course covers the material typical in the first semester of an introductory physics course at a college level in preparation for the Advanced Placement Physics 1 exam. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Laboratory experiments, problem solving, and written explanations of physics concepts are emphasized in all units studied. Students enrolled in this course are expected to take the Advanced Placement exam in May. Students need a scientific calculator. This course has a \$10 lab fee. ***NCAA Approved.***

AP Physics 2

Grade: 11-12 Credits: 1.0

This course covers the material typical in the second semester of an introductory physics course at a college level in preparation for the Advanced Placement Physics II exam. It will be beneficial to students wishing to satisfy a college physical science requirement and will deal with optics, modern, fluids, thermodynamics, electrostatics, resistor capacitor circuits, and electromagnetism. Laboratory experiments and problem solving are emphasized in all units studied. Students enrolled in this course are expected to take the Advanced Placement exam in May. Students need a scientific calculator. This course has a \$10 lab fee. ***NCAA Approved.***

AP Biology

Grade: 11-12 Credits: 1.5

This course covers the material typical in a freshmen college level biology course in preparation for the Advanced Placement Biology exam. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. Students enrolled in this course are expected to take the Advanced Placement exam in May. The class meets 1.5 periods. This course has a \$25 lab fee. *NCAA Approved.*

AP Chemistry

Grade: 11-12 Credits: 1.5

This course covers the material typical in a freshmen college level general chemistry class in preparation for the Advanced Placement Chemistry exam. The sequence covers the following areas: chemical bonding, structure of matter, kinetic theory, solutions, acid base reactions, oxidation-reduction, electrochemistry, molecular geometry, thermodynamics, equilibrium, and an introduction to organic chemistry. Experiments reinforce these units; problem solving is emphasized. Students enrolled in this course are expected to take the Advanced Placement exam in May. This class meets for 1.5 periods. This course has a \$20 lab fee. *NCAA Approved*

Human Structure & Function Honors

Grade: 11-12 Credits: 1.0

This course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. Students will use problem solving, critical thinking, and inquiry to explore human body systems. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writing, and clinical studies. This course has a \$50 lab fee. *NCAA Approved.*

Microbiology Honors

Grade: 11-12 Credits: 1.0

This course studies the classification and identification of microbes, survival patterns, and economic implications including food preparation, preservatives, spoilage, and disease. Provides background in basic and applied microbiology with emphasis on the role microorganisms play in human health and life. Problem solving, critical thinking, and inquiry are emphasized. This course has a \$50 lab fee. *NCAA Approved.*

Social Studies

Grade 9

World History

Ancient & Medieval
History Honors

Magnet Ancient &
Medieval History
Honors

Grade 10

American History

Modern European
Honors

AP European History or
Magnet AP
European History

Grade 11

Electives
(See Bottom of Page)

American History
Honors
Electives

Advanced Placement
United States History

Grade 12

American
Government/Civics

American
Government/Civics
Honors

AP United States
Government
& Politics



Other Departmental Courses May Be Taken Out of Sequence

Criminal Law
Current Issues
Psychology
Sociology
AP European History
AP Psychology
The Minority Experience in America

Social Studies

World History

Grade: 9

Credit: 1.0

This survey course is a foundation course for the social studies. A framework is established in which historical patterns, themes, and concepts are explored. Basic skills in reading, writing, note and test taking will be practiced. Themes of study include Geography, Government, Social Structure, and Spread of Culture. The scope of this course covers the beginning of civilization to World War II. During the first semester, the course will emphasize Early River Valley Civilizations (Egypt, the Fertile Crescent, India, and China), Ancient Greece, Hellenistic Culture, and the Roman Empire. The first semester concludes with a focus on the Mediterranean region, c. 500-1500 CE (Medieval Europe, Byzantine Empire, Muslim Empire). Topics emphasized during the second semester are the Renaissance and Reformation, Scientific Revolution, the Age of Exploration, the Enlightenment and Revolutions, the Industrial Revolution, Imperialism and the World at War. This course meets the Social Studies elective requirement. ***NCAA Approved.***

Ancient & Medieval History Honors/Magnet

Grade: 9

Credit: 1.0

This course is designed for students taking freshmen social studies at the honors level. Students must have effective writing skills to be able to meet course requirements such as essays, major projects, and/or term papers. Themes of study include Geography, Government, Social Structure, and Spread of Culture. The scope of this course will emphasize Early River Valley Civilizations (Egypt, the Fertile Crescent, Indian, and China), Ancient Greece, Hellenistic Culture, and the Roman Empire. Topics emphasized during the second semester are the Mediterranean region, c. 500-1500 CE (Medieval Period, Byzantine Empire, Muslim Empire), the Renaissance and Reformation, Scientific Revolution and the Age of Exploration. Participation in the East Aurora History Fair is expected. This course meets the Social Studies elective requirement. ***NCAA Approved.***

Freshman Social Studies

Grade: 9

Credit: 1.0

This course centers on World History. First semester deals with earliest times to the early 1800's. Subjects included are primitive man, the Stone Age, early civilizations of the Far East, Middle East, the Greek and Roman civilizations and the development of Western and Eastern civilizations. Second semester deals with the early 1800's to the present. Subjects included are Nationalism, the Industrial Revolution, changes in science and culture, Imperialism, the rise of Communism, Fascism, Nazism, the World Wars and problems facing the world today. IEP team recommendation required. This course meets the Social Studies elective requirement.

Social Studies Fundamentals

Grade: 9

Credit: 1.0

This course focuses on Ancient Civilizations, Mesopotamia, Ancient Egypt, Ancient Greece, and Ancient Rome first semester. Basic geography skills are also being worked on. During the second semester, the course concentrates on the Middle Ages, early American civilizations, along with World War I and II. Students will continue to work on geography skills and geography terminology. IEP team recommendation required. This course meets the Social Studies elective requirement.

Modern European History Honors

Grade: 10 Credit: 1.0

The study of European History since 1450 introduces students to cultural, economic, political, and social development that played a fundamental role in shaping the world in which they live. The course will emphasize the changes in world governments through the French Revolution, Russian Revolution, World Wars, and Terrorism. Students will develop an understanding of some of the principal themes in modern European History, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. Students enrolled in this course will participate in the Chicago Metro History Fair. This course meets the Social Studies elective requirement. ***NCAA Approved.***

Advanced Placement European History/Magnet

Grade: 10 Credit: 1.0

The study of European History since 1450 introduces students to cultural, economic, political, and social development that played a fundamental role in shaping the world in which they live. First semester topics range from the late-Medieval Period through the French Revolution, including study of the Renaissance, Reformation, Scientific Revolution and the Enlightenment. Second semester topics cover The Industrial Revolution to the Rise of Nation-States, the great World Wars to Contemporary Europe. Students will develop an understanding of some of the principal themes in modern European History, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. In both courses, students will participate in the Chicago Metro History Fair competition. Students enrolled in this course are expected to take the Advanced Placement exam in May. This course meets the Social Studies elective requirement. ***NCAA Approved.***

American History

Grade: 10 Credit: 1.0

This sequence fulfills the graduation requirement of one year of U.S. History as established by the State of Illinois. The course covers content spanning the inception of the United States all the way up through present day. The overriding goal of this course is to give students the opportunity to understand how the current domestic and international status of the U.S. developed. It is also designed to help students identify causes and effects, events and philosophies, which led to the contemporary situation, and provide them with an historical basis for decision making. First semester begins with a review period of early colonization through the Gilded Age; second semester begins with Progressivism and covers the World Wars, Vietnam and contemporary issues. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

American History Honors

Grade: 11 Credit: 1.0

This sequence fulfills the graduation requirement of one year of U.S. History as established by the State of Illinois. The course covers content spanning the inception of the United States all the way up through contemporary day. The overriding goal of this course is to give students the opportunity to understand how the current domestic and international status of the U.S. has transformed a colonial territory into a country of progressiveness. It is designed to help students identify causes and effects, events and philosophies, traditions of past practice, and legislative alterations for modernity. These ideologies in turn led to the contemporary situations, and provide evidence for historical decision making. First semester begins with a review period of early colonization/Pre-Revolution through Civil War Reconstruction; second semester begins with the Gilded Age and covers the World Wars, Vietnam and existing issues. Students also participate in the Chicago Metro History Fair during first semester. ***Meets Writing Intensive Course Requirement. NCAA Approved.***

American History Fundamentals

Grade: 10 Credit: 1.0

This course fulfills the graduation requirement of one year of U.S. History as established by the State of Illinois. This course develops an awareness of our national heritage through the understanding of major points in American History. More in-depth study will take place concerning the causes of the Civil War through 1914. World War I to our present era will be explored. The significance of various individuals and groups in developing the United States will be emphasized. IEP team recommendation required.

Advanced Placement United States History

Grade: 11 Credit: 1.0

The Advanced Placement (AP) United States History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory courses. Students should learn to assess historical materials, their relevance to a given interpretive problem, reliability, and importance-and to weigh the evidence and interpretations presented in historical scholarship. This course should thus develop skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The scope of the course spans from Pre-Columbian America to the Cold War. This course will meet the writing intensive requirement. Students enrolled in this course are expected to take the Advanced Placement Exam in May. ***NCAA Approved.***

American Government/Civics

Grade: 12 Credit: 0.5

This course is required for graduation and meets the Civics requirement as established by the State of Illinois. This course is designed for seniors and deals with the study of political behavior in the United States. Topics in the course include the fundamental concepts and structure of federal, state, and local government; methods of selecting candidates for office; methods by which individuals and groups may influence government officials; and mechanics of voting. This course also involves comparisons with other governments through the contrasting of political socialization and cultures. ***NCAA Approved.***

American Government/Civics Honors

Grade: 12 Credit: 0.5

This course is required for graduation and meets the Civics requirement as established by the State of Illinois. This course is designed for seniors and deals with the study of political behavior in the United States. Topics in the course include the fundamental concepts and structure of federal, state, and local government; methods of selecting candidates for office; methods by which individuals and groups may influence government officials; and mechanics of voting. This course also involves comparisons with other governments through the contrasting of political socialization and cultures. This course is designed to help students acquire and learn to use the skills, knowledge, and attitudes that will prepare them to be competent and responsible citizens throughout their lives. This course is weighted as honors. This class will include accelerated work with an emphasis on a greater depth of knowledge. Students participate in the Chicago Metro History Fair. *NCAA Approved.*

American Government/Civics Fundamentals

Grade: 12 Credits: 0.5

This course is required for graduation. The course is designed to teach the basics of political behavior in the United States. Attention is focused upon the executive, legislative, and judicial branches of government. Study of the roles of state and local executives, legislators, and judges is also included in this American government course. IEP team recommendation required.

Advanced Placement United States Government and Politics

Grade: 12 Credit: 0.5

This course fulfills the school graduation and Civics requirements as established by the state of Illinois. This Advanced Placement course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Course activities include reading periodicals and daily newspapers, as well as a college textbook and supplementary readings. Students will be required to integrate information obtained from readings, discussions, and lectures to answer detailed multiple-choice questions as well as write analytical and argumentative essays. Students enrolled in this course are expected to take the Advanced Placement Exam in May. *NCAA Approved.*

Mexican History

Grade: 10-12 Credit: 1.0

This course investigates the geography, culture and history of Mexico from prehistory to the present, beginning with the indigenous Olmec culture and concluding with the current relationship between Mexico and the United States. Students will analyze primary and secondary texts and show their understanding through writing, speaking, and visual media. The course meets the Social Studies elective requirement. This course meets the Social Studies elective requirement.

Criminal Law

Grade: 11-12 Credit: 0.5

This course examines the foundation of the criminal law system in American society. A case study approach is taken for students to study criminal laws and constitutional rights. This course examines both the criminal and civil legal institutions with an emphasis placed on argumentative debate relating to different legal issues. Topics studied include An Introduction to Law, Crime Against the Person and Property, Torts and Civil Action, Interaction with Police (the 4th Amendment), and Courtroom Procedures and Defenses (Mock Trial). This course meets the Social Studies elective requirement. ***NCAA Approved.***

Sociology

Grade: 11-12 Credit: 0.5

Sociology is the study of groups and group behavior in society. The course includes an examination of the following topics: culture, social values, socialization; how individuals behave in groups; attitudes and changing attitudes; abnormal behavior in society and its treatment; social problems of present day American Society. Students explore sports and their role in society, religion and its function, the family as a foundation for society, and education. The class utilizes a myriad of different activities, readings, and assessments to investigate and understand the society within which we live. This course meets the Social Studies elective requirement. ***NCAA Approved.***

Psychology

Grade: 11-12 Credit: 0.5

The course includes an examination of the following topics: study of human behavior; human learning and motivation; thinking and problem solving; perception; the relative importance of heredity and environment in human behavior; theories of personality. This course will provide an introduction to topics typically covered in an introductory level college psychology course. Students will learn how psychology applies to their lives by partaking in class discussions and group projects. Upon completion of this course, students should have a better understanding of themselves and the wide variety of people around them. This course meets the Social Studies elective requirement. ***NCAA Approved.***

Advanced Placement Psychology

Grade: 11-12 Credit: 1.0

The purpose of the year-long Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. This course includes an examination of the following topics; study of human behavior; human learning and motivation; thinking and problem solving; perception; the relative importance of heredity and environment in human behavior; theories of personality. Students should possess strong reading skills. The course meets the Social Studies elective requirement. Students enrolled in this course are expected to take the Advanced Placement Exam in May. This course meets the Social Studies elective requirement. ***NCAA Approved.***

Current Issues

Grade: 11-12 Credit: 0.5

Current Issues is an elective, project-based course for juniors and seniors interested in contemporary affairs. Students will use magazines, daily newspapers and/or internet resources as sources for study. Classroom discussions will also examine current events and issues. Topics will change each semester to reflect current events. We will explore various domestic and world issues such as: politics, foreign relations, terrorism, drug use, gun control, immigration, poverty and more. Public speaking is an expectation of this course. This course meets the Social Studies elective requirement. This course may be repeated for credit. ***NCAA Approved.***

The Minority Experience in America

Grade: 11-12 Credit: 0.5 or 1.0

This course will serve to tell the stories of the various minority groups who have populated America by taking a comprehensive look at the various religious, racial, ethnic, and gender division in our society and examining them from the minority point of view. This course meets the Social Studies elective requirement. ***NCAA Approval Pending.***

Bilingual/ESL

Individual Reading and Freshman Writing

Grade: 9 Credits: 2.0 (1 English and 1 English Elective credit)

This year-long, two-period English block encompasses Freshman English and Individual Reading, with modifications for English Language Learners. Placement is based on Freshman class status and Bilingual Services program review of the student's scores on the ACCESS test of English proficiency. The course is taught by a highly qualified ESL teacher. Instruction addresses the individual needs of ELs whose speaking and listening skills approach those of general education students, but whose reading and writing skills are still developing, as assessed by the ACCESS test. The course offers differentiated instruction, adaptive instructional software, high-interest literature, and direct instruction in reading, writing, and vocabulary acquisition. The Individual Reading portion of the course is graded on a pass/fail basis for Elective credit. The Writing portion is assessed in alignment with the Common Core and earns the student one English credit.

ESL I: Reading, Writing, Speaking, Listening and Grammar

Grade: 9-12 Credits: 1.0 (English credit)

This year-long course is for students entering the high school with little or no knowledge of English. Prerequisite is placement into ESL I through language screening. Students learn beginning reading and speaking skills through intensive vocabulary instruction, the application of reading strategies and critical thinking within structured discussion. Writing instruction reinforces critical thinking and also targets grammar, mechanics, sentence structure and paragraph development. The course is aligned to the Common Core State Standards.

Spanish Language Arts for ESL I

Grade: 9-12 Credits: 1.0 (English credit)

This year-long course is for students placed into ESL I. Prerequisite is the ability to read and write in Spanish. Designed to expand students' Spanish literacy, the course includes extensive reading, critical analysis of literature and non-fiction, and development of academic listening and speaking skills. The course is aligned to the WIDA standards for Spanish Language Arts.

ESL II: Reading, Writing, Speaking, Listening and Grammar

Grade: 9-12 Credits: 1.0 (English credit)

This year-long course is for students ready to further develop their English skills. Prerequisite is placement into ESL II through screening or teacher recommendation, or the successful completion of ESL I. Students study vocabulary related to academic core content, apply reading strategies to increasingly complex texts, continue to practice critical thinking within structured discussion, and begin to adhere to standard writing conventions. The course is aligned to the Common Core State Standards.

Spanish Language Arts for ESL II

Grade: 9-12 Credits: 1.0 (English credit)

This year-long course is for students placed into ESL II. Prerequisite is the ability to read and write in Spanish. Designed to continue the expansion of students' Spanish literacy, the course includes extensive reading, critical analysis of literature and non-fiction, and development of academic listening and speaking skills. The course is aligned to the WIDA standards for Spanish Language Arts.

ESL III: Reading, Writing, Speaking, Listening and Grammar

Grade: 9-12 Credits: 1.0 (English credit)

This year-long course is for students who are expanding their knowledge of English. Prerequisite is placement into ESL III through screening or teacher recommendation or the successful completion of ESL II. Students study vocabulary highly specific to academic core content, apply reading strategies to complex texts, expand critical thinking skills through discussion, and adhere to standard writing conventions. The course is aligned to the Common Core State Standards.

Specialized Programs

Strategies for Learning

Grade: 9–10 Credit: 1.0

Strategies for Learning is offered to students requiring assistance in the development of learning strategies for success in their core curriculum subjects. The course integrates skills which the students need in other subject areas. Academic support is given to students to ensure their success in all academic areas. The purpose of this course is to help students develop effective study skills and a positive academic outlook. Additional focus will be given to addressing executive functioning along with career and life planning goals. IEP team recommendation is required.

Cooperative Work Training Related I

Grade: 11-12 Credit: 1.0

Students study job opportunities and qualifications, interview techniques, money management, taxes, insurance, buying goods and services, employer-employee relations, and retirement. All students must concurrently be enrolled in Cooperative Work Training (CWT) Lab I. Students will be able to employ job-seeking skills at prospective job sites. Students have the opportunity to go to a job 2 days a week at the high school and get paid for their work. Students learn about all kinds of appropriate job expectations and how to be a good employee. IEP team recommendation required.

Cooperative Work Training Related II

Grade: 12 Credit: 1.0

Students study and/or reviews job opportunities and qualifications, interview techniques, money management, taxes, insurance and buying goods and services. Employer-employee relations and retirement are also studied. Students will be able to employ job-seeking skills at prospective job sites. Students have the opportunity to go to a job two days a week at the high school and get paid for their work. Students learn about appropriate job expectations and how to be a good employee. IEP team recommendation and successful completion of Cooperative Work Training Related I are required.

Cooperative Work Training Lab

Grade: 11-12 Credit: 1.0

Students will be able to obtain elective credit for verified employment outside school hours. Students' employers work in conjunction with the cooperative work program to evaluate students' job performance and eligibility for elective credit. Students will be concurrently enrolled in Co-op Work Training Related I or II. IEP team recommendation is required.

Step Work Study I*Grade: 11-12**Credit: 1.0*

Students learn vocational skills through on-the-job training during part of their class time at a job in the high school. Classroom instruction includes career exploration, job-seeking skills, job-placement skills, resume writing and job applications, interviewing skills and employability skills. Independent living skills are designed to help students make the most of their abilities and increase their self-reliance and self-confidence. A focus on how students will function in the community is also introduced in this classroom environment. IEP team recommendation is required.

Step Work Study II*Grade: 12**Credit: 1.0*

Students continue learning vocational skills through a community-based job during part of their class time, which is used to develop basic job skills that could lead to employment. Classroom instruction continues to explore careers, with an emphasis on developing realistic employment goals and the training or education needed after high school. General job-seeking skills, resume writing, and job applications, interviewing skills and employability skills are further studied. Independent living skills will continue to be developed. Successful completion of Step Work Study I and IEP team recommendation are required.

Drivers Education, Health, Physical Education

Grade 9

1 semester each of:
Health and Freshman
Physical Education

Grade 10

1 semester each of:
Drivers Education and
Sophomore PE

1 semester each of:
Drivers Education and
Athletic Conditioning

Grade 11

Junior/Senior Physical
Education Blocks

Athletic Conditioning

PE Leaders I Honors

Grade 12

Junior/Senior Physical
Education

Athletic Conditioning

PE Leaders II Honors



Drivers Education may replace one semester of PE starting
Sophomore year. A student may also take Drivers
Education during Junior or Senior year.

Drivers Education

Drivers Education

Grade: 10-12

Credit: 0.5

Sophomore academic status, 16 years of age by the end of the semester enrolled in Driver Education, and must have passed 8 courses the 2 semesters prior to enrolling in Driver Education.

Driver Education is a three phase program that includes classroom, simulation, and behind the wheel. Through these phases students will learn all aspects of responsible driving including the Rules of the Road, vehicle operation, and general road safety. The classroom portion is required for graduation. A lab fee of \$100.00 is charged for the behind the wheel phase. An additional \$20.00 fee is required to be paid to the Secretary of State for the Learner's Permit. Students enrolled in Driver Education cannot have any current driving violations or court dates regarding driving issues. Credit will be granted after successfully completing the classroom portion. **Only students that complete both phases; classroom & behind-the-wheel are eligible to apply for a Driver's License before age 18. *Graduation Requirement***

Health and Physical Education

All students must be enrolled in a health or physical education class each semester unless a student is medically waived from physical activity or enrolled in Band or NJROTC. Physical education and health are **Graduation Requirements**. Students must pass one (1) semester of health, and six (6) semesters of physical education to be eligible to graduate. According to state law, a doctor's note listing physical restrictions must be on file in the nurse's office. This is in compliance with the School Code of Illinois. **In lieu of physical activity, students will be enrolled for one semester of health during their freshman year and one semester of driver education their sophomore year, as long as they meet the prerequisites.** The remaining semesters, students will be enrolled in physical education activity classes unless a student is enrolled in band or NJROTC. East Aurora Board of Education provides for physical education waiver in grades 11 and 12 for the following reasons:

- The student has on-going participation in interscholastic athletics at the varsity level.
- The student provides written evidence from a college, university, or institution of higher education that a specific course is required for admission and the student's schedule does not allow for the addition of this course.
- The student lacks course credit in an area of study required for graduation and the student's schedule does not allow for the addition of this required course.

Freshman Physical Education*Grade: 9**Credit: 0.5*

In this introductory course to physical education, students will learn the basic foundations of fitness and nutrition. The course will be broken down into four units. In the first unit, students will learn all the fitness components (5 Health-Related and 6 Skill-Related) and different ways to test and practice each. They will also study the heart and how to track heart rate during exercise. The second unit will consist of learning exercise principles and how to apply them to different exercise programs. During these two units, the students will simultaneously be learning basic muscle anatomy and different specific lifts and exercises to work their entire body. They will practice different types of exercise programs and will keep track of the workouts they do in a personal fitness log. The third unit will have the students studying basic nutrition. They will learn how to read nutrition labels, how to track their meals in a food log, how to calculate their BMR, the function of each macronutrient and the functions of the micronutrients. Students will then combine the knowledge, skills, and strategies they have acquired through the first three units to set a personal fitness goal and write a plan on how they will achieve this goal. This plan will serve as the students' final project. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

After completing this course, the students will have the skills necessary to enter any public gym, privately owned fitness club or fitness center and be able to put themselves through a safe and effective workout program. They will also have knowledge on basic nutrition and its importance and will have the skills necessary to make lifelong healthy eating choices.

Adapted Physical Education*Grade: 9-12**Credit: 1.0*

This class will provide the student with the opportunity to improve their resistance to injury, physical performance, and enhance their mental toughness, self-esteem, and self-confidence. Students will learn fundamental movement patterns that will allow them to engage in functional strength training. The student will also be taught physical fitness components such as: aerobic, anaerobic, agility, speed, mobility and flexibility training. Finally the student will learn how healthy nutrition plays a role in keeping physically fit. The major outcome of this class is that the student's short-term performance improvements in physical fitness will result in long-term life improvements. This course is for students who require more individualized instruction per the student's IEP or 504 plan.

Health*Grade: 9**Credit: 0.5*

This course is designed to address the Physical, Mental/Emotional, and Social aspects of health. Emphasis is placed on prevention, maintenance and improvement through self-responsibility and decision making in areas of: achieving wellness, nutritional eating and exercising toward a healthy lifestyle, building healthy relationships, understanding and preventing disease, drug use and abuse, environmental influences, first aid and CPR, and making healthy choices. Many different styles of teaching are used to address the learning needs of students.

Healthy Living

Grade: 9 Credits: 0.5

Healthy living focuses on the basics of prevention, self-responsibility, and decision-making skills. Topics of study include The human body course will prepare students with the basic science vocabulary for reading, writing and speaking. The six areas of study will be the body unit, body system, nutrition and diet, exercise, physical/mental/ emotional health, personal safety and spiritual aspects of health. Differentiated instruction is incorporated to enhance student learning.

Sophomore Physical Education

Grade: 10 Credit: 0.5

This is an introductory course to a lot of the possible offerings students will be able to choose from in their junior and senior years. This course will introduce and provide students the foundations to a wide variety of sports and activities. The course will emphasize skill development in specific sports/activities, general knowledge of rules and strategies of the sport/activity and prepare them for competitive game play/activity. Units include: floor hockey, volleyball, team building, soccer, ultimate Frisbee, ultimate football, speedball, kickball, dance, bags, table tennis, basketball, among other units. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

Athletic Conditioning

Grade: 10-12 Credit: 0.5

Athletic Conditioning is a class that is focused on increasing athletic performance. This will be achieved through the use of strength training, functional training, and injury prevention training throughout the semester. Students/student athletes will follow a percentage based lifting program that can be tailored to the specific needs of each athlete. Example: In season training, out of season training, and modifications based on training background. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester. Students must be a member of a school sports team, have a recommendation from their head coach and/or PE teacher, and have passed Freshman PE.

PE Leaders I Honors

Grade: 11 Credit: 1.0

This is a full year honors level Physical Education class. This class can only be taken junior year, but students that are interested should apply in the spring on their sophomore year. Throughout the year the class will focus on team building, leadership characteristics, and developing teaching skills. The class will cover most of the units taught within the Physical Education Department they may include but are not limited to basketball, volleyball, tennis, badminton, football, etc. Students will be required to teach a unit to the class as a member of a group. After the year Junior Leaders can become Senior Leaders as long as they pass the course and demonstrate responsibility. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester. In order to qualify to become a PE leader, students must have a GPA of 2.75 or higher, three teacher recommendations: 2 PE and 1 other department, and submit a written request for admission.

PE Leaders II Honors

Grade: 12 Credit: 1.0

This is a full year honors level Physical Education class that can only be taken after completing the Junior Leaders course. Senior Leaders will work with several Physical Education teachers within East Aurora. As a Senior Leader, students will assist teachers by taking attendance, equipment set up/ take down, class demonstrations, and serve as positive class leader. Weekly self-evaluations will be completed by Senior Leaders to show their reflection on their strengths and weaknesses. Senior Leaders may also be assigned various readings and reflections. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

Junior/Senior Physical Education Blocks

Grade: 11-12 Credit: 0.5

We offer our Juniors and Seniors the ability to choose their own units upon successful completion of the Freshman and Sophomore PE classes. The students will have the ability to pick the block of units that they like the most, as well as the teacher who teaches that block. Students can choose from a wide variety of activities. These courses will build upon the Sophomore PE class and emphasize teamwork, in-game strategies, rules, and self-officiating. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

Dance/ Group Fitness/ Fitness

This class offers the opportunity to increase a student's level of fitness in various ways. During the dance unit, students will learn about different dances from various countries and time periods. Some dance styles covered are line dances, folk dances, and hip hop. Students will learn choreography and practice individual and group dances. The group fitness unit offers students an alternate way to get in shape. This unit will include Tae Bo, Step Aerobics, Yoga, and other group exercises. The final two units will offer a more traditional approach to fitness. Students will learn about various muscles of the body and how to work them; students will also learn how to create a comprehensive personal workout plan. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

Team Sports

This class offers the opportunity for students to participate in a variety of team sports. The students will review skills, rules and strategies taught to them during their sophomore year and then compete in games within their own class, as well as against other classes. Students will learn in game strategies and adjustments in order to successfully compete in the games. Students are expected to self-officiate their games to demonstrate their knowledge of the rules of each game. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

Recreational Sports

This class will provide an alternative to the traditional team sports model of physical education. Students will play some non-traditional games/activities in addition to other team sport concepts. The students will participate in ultimate Frisbee, spike ball, kickball, floor hockey, volleyball, bags, table tennis, and other units throughout the semester. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

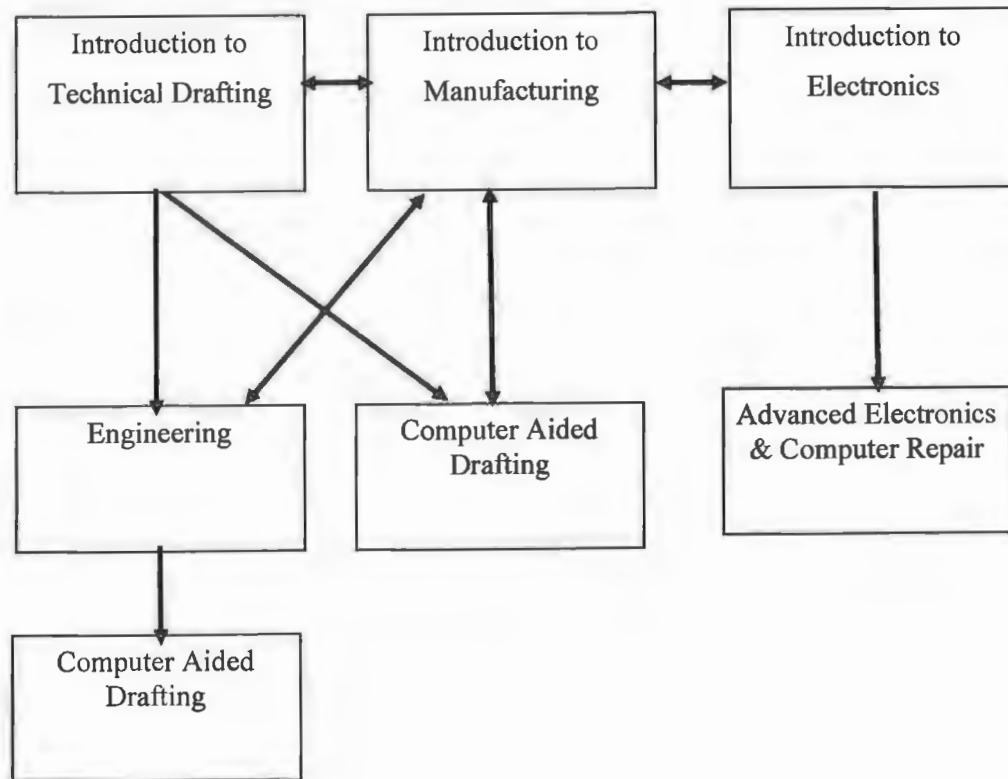
Racquet/Recreational Sports

This class will provide an alternative to the traditional team sports model of physical education. Students will play more individual life-long sports/activities such as Tennis, Badminton, Bowling, Table Tennis, and Bags, among other units. Students will also be required to complete FitnessGram fitness testing a minimum of two times throughout the semester.

SAMPLE BLOCK SCHEDULE

SEMESTER	UNIT 1	UNIT 2	UNIT 3	UNIT 4
Team Sports I & II	Softball	Soccer	Volleyball	Basketball
Dance/Fitness	Fitness Games	Walking/Jogging	Group Fitness	Aerobics/Dance
Racquet/Rec Sports I	Tennis	Badminton	Bags/Table Tennis	Bowling
Racquet/Rec Sports II	Badminton	Tennis	Bowling	Bags/Table Tennis
Rec Sports	Ultimate Frisbee	Spikeball/Kickball	Floor Hockey/ Volleyball	Bags/Table Tennis

Applied Technology & Engineering: Communication & Energy Technology

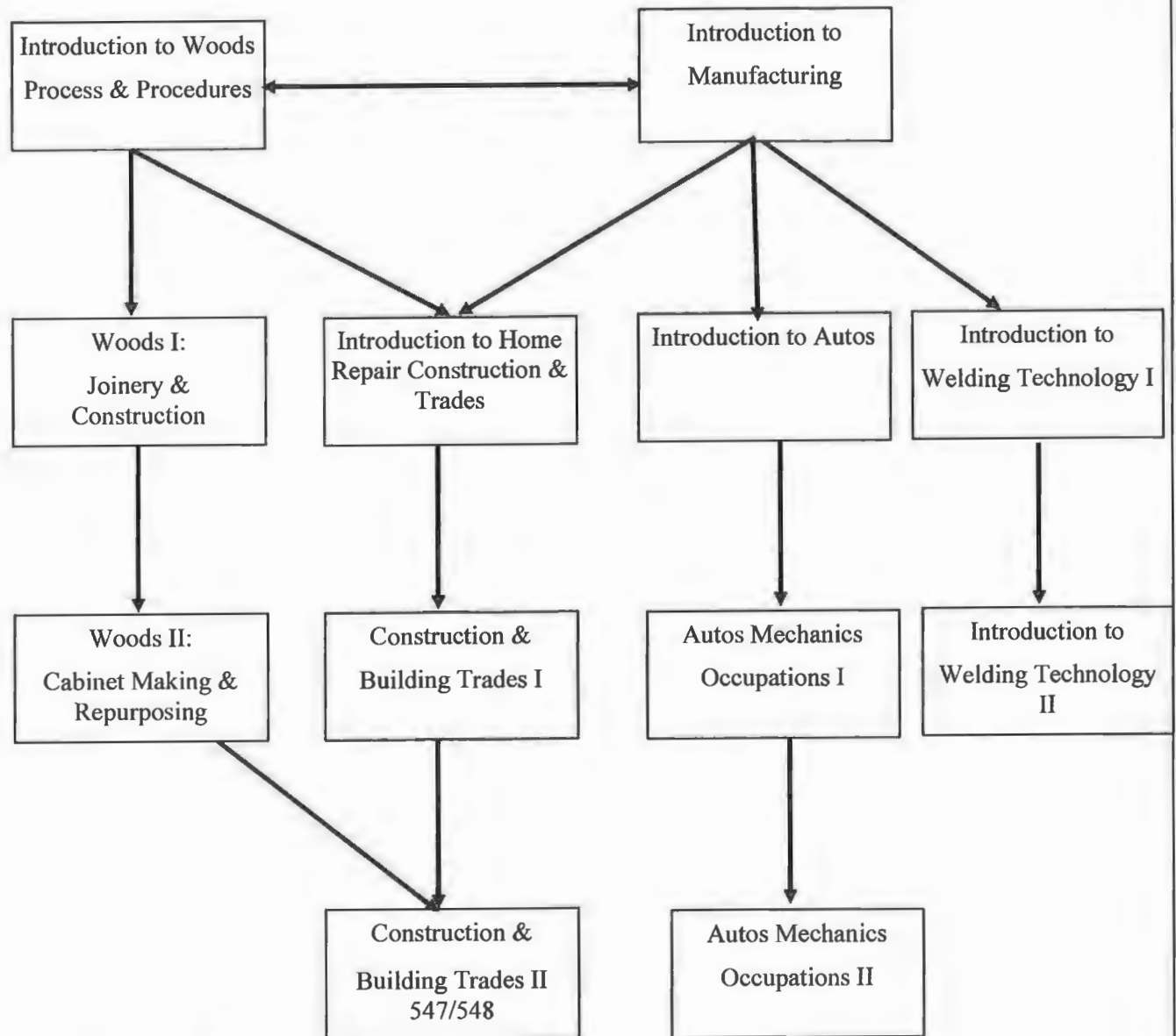


Other Departmental Courses
May Be Taken Out of Sequence:

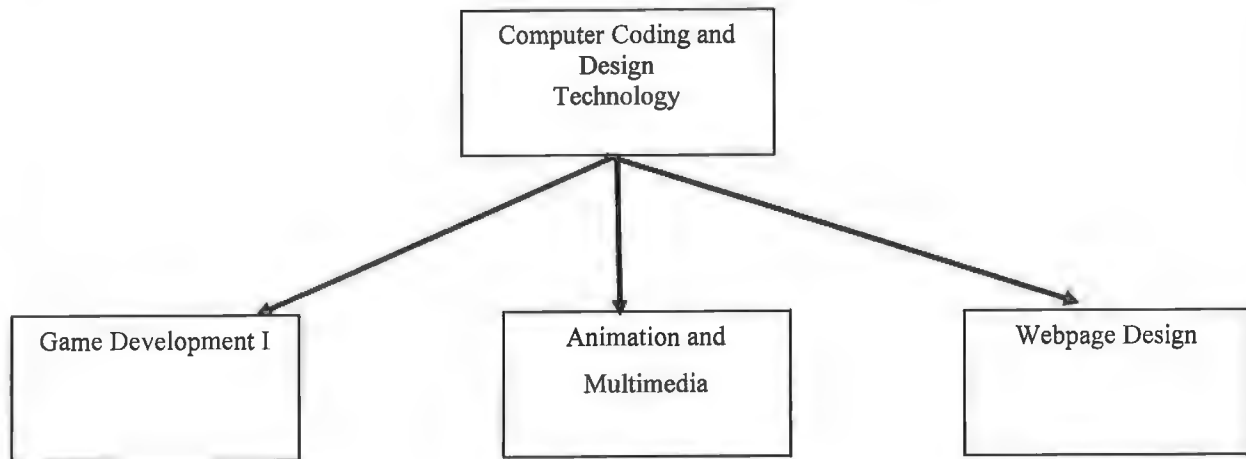
Webpage Design
21st Century Skills
21st Century Skills Co-op Lab



Applied Technology & Engineering: Manufacturing, Construction & Transportation



Applied Technology & Engineering: Web Page, Digital/Multimedia and Information Resources Design



Applied Technology & Engineering

Introduction to Woods: Process & Procedures

Grade: 9-12 Credits: 0.5

This course is designed to emphasize activities in planning, design, and construction as applied to common forms of wood working. Accuracy, neatness, sound work habits, and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstration, educational media, and practice projects. Proper and safe use of tools, abrasives, adhesives, fasteners, and finishes is a part of the curriculum. This class is designed to allow students to become familiar with materials and processes used in woodworking. Student will learn the proper and safe operation of hand tools and some machines through required projects. This course has a \$10 lab fee.

Introduction to Technical Drafting

Grade: 9-12 Credits: 0.5

This course introduces students to drafting fundamentals. The course covers drafting equipment usage, materials, an introduction to CADD (Computer-Aided Drafting and Design), and techniques used as a means of technical communication. Drafting techniques are studied and drawings are made with emphasis on description through multi-view, pictorial, architectural, and CADD drawings. The course will also focus on product design process and product design cycle. This course has a \$10 lab fee.

Introduction to Electronics

Grade: 9-12 Credits: 0.5

This course is designed to acquaint the student with the fundamental theory behind direct and alternating current electricity, common electronic equipment, and electric circuits. The course consists of laboratory practice, discussion, and experiments. Simple DC and AC electrical components, motors, generators, inductors, and capacitors will be studied and manipulated to show effects of circuit variables. Each student will be required to construct a simple electrical device. This course has a \$10 lab fee.

Introduction to Manufacturing

Grade: 9-12 Credits: 0.5

This course provides an overview of manufacturing systems and processes. Students will be exposed to a variety of manufacturing concepts including controlling production, resource planning, value chain management and professional roles in manufacturing. Students will explore career paths in the manufacturing environment and discuss the impact of manufacturing on Illinois, national, and global economies and the environment. This course has a \$10 lab fee.

Engineering

Grade: 9-12 Credits: 1.0

Articulated credit with Waubensee Community College

This course covers general architectural techniques, construction methods, home styles, architectural drawings, assembly drawings, and sheet metal layout. The course will also focus on the design process using traditional and CADD techniques to produce a set of residential drawings.

Computer Aided Drafting

Grade: 10-12 Credits: 1.0

Articulated credit with Waubensee Community College

This course is designed for engineering students and architectural students using the computer. Auto CAD software will be used. Students will learn to create, store, edit, and plot drawings. They will also learn to set up prototype drawings, create symbol libraries, bills of materials, develop customized screens, and generate 3D models. Advanced work is completed in the areas of exploded views, shading, perspective, intersections, developments, and detail and assembly drawings. Students must have demonstrated proficiency in Introduction to Technical Drafting.

Advanced Electronics & Computer Repair

Grade: 10-12 Credits: 1.0

This course is designed to acquaint the student with fundamentals of electronic communication, amplitude modulation, frequency modulation, receivers, and transmitters, electrical/electronic systems, repair and maintenance and analysis of AC/DC circuits, solid state devices, analog, and digital circuits and microprocessors. Students are introduced to solid-state circuitry and solid-state electronics through laboratory practice, discussion, and experiments. Students must have demonstrated proficiency in Introduction to Electronics. This course has a \$20 lab fee.

Web Page Design

Grade: 9-12 Credits: 1.0

This course is an introductory experience in website design using project-based coursework. Students will develop the technical and creative skills needed to plan, create, and publish interactive web pages. Instruction will include the creation and manipulation of text, graphics, animations, and interactive content through the use of HTML, CSS, JavaScript, Photoshop, Dreamweaver, and Flash.

Computer Coding and Design Technology

Grade: 9-12 Credits: 0.5

This course introduces students to two areas: computer coding and design technology. Computer Coding will allow students to learn fundamental computer science concepts by creating programs to solve problems, interact with users, perform complicated calculations, and control robots. Design Technology will expose students to a variety of problem solving design concepts in a variety of technological areas. The overall focus of the course is to design and create original projects.

Game Development I

Grade: 9-12 Credits: 0.5

This course introduces students to fundamental principles of game design and 2D computer animation using software that allows for interactivity through web browsers and mobile platforms. Students will learn vector imaging and animation techniques to design and develop characters, props, levels, and user interface. Object-oriented programming will be introduced through a user-friendly block-snapping interface to develop game logic and build interactive environments. Students will develop a 2D game from conception to completion ready for release on iOS, Android, or the World Wide Web. Students must have demonstrated proficiency in Computer Coding and Design Technology.

Animation and Multimedia

Grade: 9-12 Credits: 0.5

This course introduces students to Flash software, a web animation authoring tool. It will allow students to experience developing web-based multimedia materials that contain sound, graphic, animation, and interactive components. Students will also be involved in examining and evaluating existing projects, gaining hands-on experience through a series of practical skills-building tasks, and planning and creating a meaningful, authentic final project such as an informational or instructional tutorial, a dynamic simulation, or an engaging multimedia activity. Students must have demonstrated proficiency in Computer Coding and Design Technology.

Intro to Welding Technology I & II

Grade: 10-12 Credits: 0.5 or 1.0

Dual Credit with Waubensee Community College

This course includes the following areas of welding: gas mig, tig, and safety. Students use basic hand tools and welding equipment. Students will develop employability skills such as safety practices, shop habits, and positive working relationships. They will explore career requirements and options for a working skill. Spring semester students will learn basic arc and oxyacetylene welding involving identification, uses, physical properties of metal, and methods of fabrication. This course is taught by a WCC instructor. Students may take Welding II without completing Welding I. Students must be 16 years old.

Introduction to Autos

Grade: 9-12 Credits: 0.5

This course is designed for students to gain basic knowledge and skills to maintain automobiles. This course covers the following areas in automotive maintenance: engine tune-up, lubrication maintenance, electrical maintenance, tires and wheels, drive train maintenance, and seasonal maintenance procedures. Students must be 16 or older. This course has a \$10 lab fee.

Auto Mechanics Occupations I

Grade: 10-12 Credits: 2.0

The class will meet 2 hours each day, and students will earn 1 credit per semester. First semester will cover the basic cooling system, brakes, and electronics. Second semester students will cover starting and charging systems, batteries and tune-ups. Career options, employability and job seeking skills, desired work habits and vocational ethics will be stressed. Students must have demonstrated proficiency in Introduction to Autos. This course has a \$20 lab fee.

Auto Mechanics Occupations II

Grade: 10-12 Credits: 2.0

Dual or Articulated Credit with Waubensee Community College

The class will meet 2 hours each day, and students will earn 1 credit per semester. This course will cover the latest technologies and equipment and provide students with a real work environment. Topics covered are computerized tune-up, balancing, antifreeze machines, alignments, fuel injection, auto electronics, and air conditioning servicing. This course has a \$20 lab fee.

Woods I: Joinery & Construction

Grade: 10-12 Credits: 1.0

In this course students will learn the basic fundamentals of each construction area by using a textbook, hand tools, and machine tools. Students will display the safe operation of hand tools and power tools used in the manufacturing industry while completing various projects. A study of wood products, furniture design, fasteners, wood joints, and finishing processes will be covered. Safety, career opportunities, job skills, acceptable work habits, personal relationships, and entrepreneurship will be stressed. Students must have demonstrated proficiency in Introduction to Woods. This course has a \$20 lab fee.

Woods II: Cabinet Making and Repurposing

Grade: 11-12 Credits: 0.5

This course is designed to have students learn at a higher level of woodworking by applying the skills they have learned to that of custom cabinet making and repurposing projects. Students will purchase, design and build a cabinet piece. Students will have the ability to be creative by using the aligned skills to maintain, refinish or repurpose items that require the use of the same application skills. The students will learn through hands-on-experience the purchasing, budgeting, profit margins, bid specs, project timelines, marketing, and woodworking/home repair skills used for new and/or repurposed cabinetry projects. The course will expand their horizons on the complexity, creativity and skills used to product a product from scratch with purposeful and useful products. Students must have demonstrated proficiency in Woods I. This course has a \$10 lab fee.

Introduction to Home Repair, Construction, and Trades

Grade: 9-12 Credits: 0.5

This course is designed to develop skills with hand tools and power equipment that are used at home and by the construction industry. Activities in the following areas will be done in the classroom: carpentry, plumbing, telephone/cable, electrical, painting and decorating. Building trades math, building materials and maintenance, and repair of the tools and equipment are also stressed. Students will rotate through various modules. This course has a \$10 lab fee.

Construction & Building Trades I & II (2 periods)

Grade: 10-12 Credits: 2.0

Articulated credit with Waubensee Community College

This 2 hour course will consist of on-site construction and/or rehab of a house. Students will participate in all phases of carpentry, wiring, plumbing, concrete work, heating, and other aspects of house construction and/or rehab. Students must have their own medical insurance or purchase a school insurance plan. Required Tools: the student will be required to provide a hammer, tape, tool belt, work boots, utility knife, and other tools. Students will be transported to construction site. Students must gain the consent of the Department Chair in order to enroll in these courses.

21st Century Skills

Grade: 11-12 Credits: 0.5 or 1.0

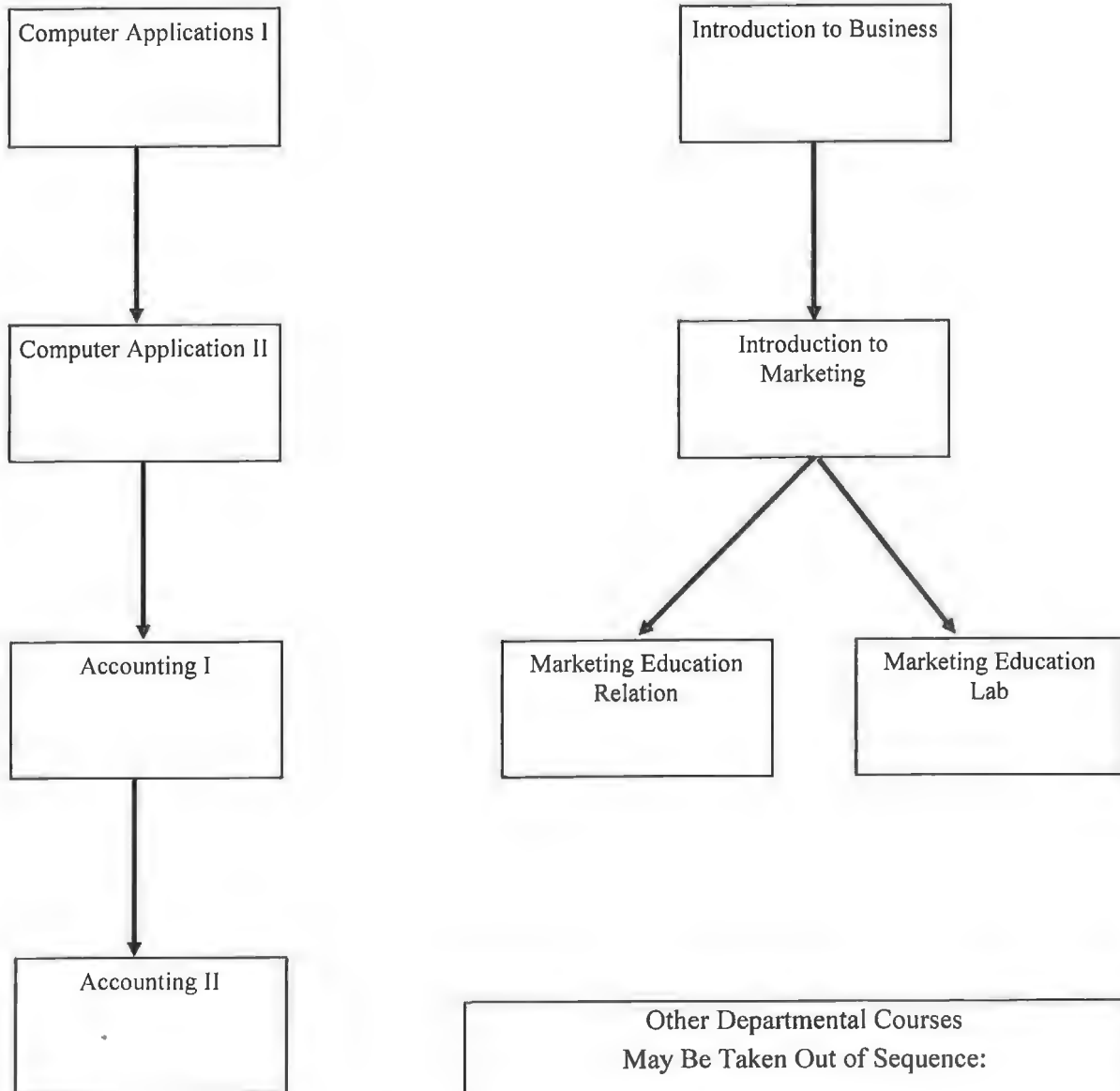
This course will offer guidelines for succeeding in the world of work. Students learn how to use effective job-seeking skills and will discover critical job survival skills to improve job satisfaction and success. Students will have an opportunity to earn a National Career Readiness Certificate which verifies to employers that an individual has essential core employability skills.

21st Century Skills Co-op Lab

Credits: 11-12 0.5 or 1.0

Students work an average of 15 hours a week in the community, and receive on-the-job training. Students receive 0.5 credits per semester for the Cooperative Lab segment of the class. Each student must work a minimum of 14 weeks each semester.

Business



Other Departmental Courses
May Be Taken Out of Sequence:

Consumer Education
Small Business Ownership



Business

Computer Applications I

Grade: 9-12 Credit: 0.5

Articulated Credit with Waubensee Community College

This course is designed to encourage student to develop technology and problem solving skills essential in today's workforce. In this course, students will complete activities and projects in Microsoft Word, Excel, and PowerPoint. In addition, students will develop their creativity and design and page layout skills will be challenged as they receive hands-on experience in applying desktop and publishing skills to a real world business. This course prepares students for Computer Applications II. There is a \$5 lab fee for this course.

Computer Applications II

Grade: 10-12 Credit: 0.5

Dual Credit with Waubensee Community College

This course is designed to encourage students to follow up with their beginning knowledge of technology and problem solving skills necessary in today's workforce. Students will use advanced computer applications in Microsoft Word, Excel, PowerPoint and Publisher. Students will create flyers, newsletters, graphs, charts, and manage databases while gaining vital computer experience. This introductory computer course emphasizes technology literacy for the purposes of enhancing business decision making, providing business intelligence, and improving organizational efficiency and effectiveness. Students will find the course topics and skills learned useful in their current and future academic and business careers. There is a \$5 lab fee for this course.

Introduction to Business

Grade: 9-12 Credit: 0.5

This course is designed to introduce students to the world of business in the 21st century. In this course, student will learn about the principles of business as well as accounting, entrepreneurship, management, marketing, new technologies and career and business. Additionally, students will learn to communicate in a professional voice, both written and oral. This course provides the foundation for developing concepts, attitudes and philosophies about business operations.

Accounting I

Grade: 10-12 Credit: 1.0

This course is designed for students that intend to major in Business at the college level. The first semester emphasizes basic accounting theory and its application to business operations. Emphasis is also placed on journalizing, posting, and financial reporting. During the second semester, students will be asked to work through a more detailed implementation of instruction dealing with special situations involving sales, purchases, and accruals. A workbook must be purchased each semester. This course prepares students for Accounting II.

Accounting II

Grade: 11-12 Credit: 1.0

This course is designed for students that intend to major in Accounting or other areas of Business at the college level. The course begins with a brief review of Accounting I, but the main emphasis of the course is on partnership and corporate accounting procedures. Specialized journal systems, uncollected accounting, depreciation, payroll, taxes, and financial statement analysis are also emphasized in this course.

Consumer Education

Grade: 11-12 Credit: 0.5

This course fulfills the graduation requirement for Consumer Education as established by the State of Illinois. It is designed to acquaint students with the economic knowledge and decision-making skills they will need to make rational decisions as informed citizens, responsible consumers, and productive workers. Students will be able to incorporate consumer economics into their daily decisions. In the sections of this course that are designated for English Learners, material, instruction and assessment are modified to meet those students' needs.

Consumer Education Honors

Grade: 11-12 Credit: 0.5

Dual Credit with Waubensee Community College

This course fulfills the graduation requirement for Consumer Education as established by the State of Illinois. It is designed to inform students of the potential fluctuations in an economy and the influence fiscal and monetary policies have on an economy. Students will use math skills to express and understand economic concepts as well as developing critical thinking skills that will help them understand world events and participate as global citizens.

Consumer Education Fundamentals

Grade: 11-12 Credits: 0.5

This course fulfills the graduation requirement for Consumer Education as established by the State of Illinois. Students learn how to navigate the financial decisions they must face and to make informed decisions related to career exploration, budgeting, banking, credit, insurance, spending, taxes, saving, investing, buying/leasing a vehicle, living independently and inheritance. Development of financial literacy skills and an understanding of economic principles will provide the basis for responsible citizenship and career success. In addition to developing personal finance skills. IEP team recommendation is required.

Introduction to Marketing

Grade: 9-12 Credit: 0.5

This course is designed to provide students with a foundation about marketing and an understanding as to how it works in our current economic system. The course will focus on the study of a product as it goes from manufacturer to retailer and is finally purchased by a consumer. Students will also be asked to complete a unit on sports marketing. This course is recommended for students that plan to take further Marketing courses and plan to enroll in the DECA program and Marketing Education.

Marketing Education Relation

Grade: 11-12 Credit: 1.0

This course is designed to provide students with the knowledge of how companies develop and market their products and services. The course is divided into five major areas of study: pre-employment skills, human relations in retailing, communications in retailing, basic marketing principles and concepts, and careers in retailing. Each student joins the Marketing Education and DECA is asked to participate in many club activities throughout the year. Students will be concurrently enrolled in Marketing Education Lab. This course has a \$37.50 lab fee.

Marketing Education Lab

Grade: 11-12 Credit: 1.0

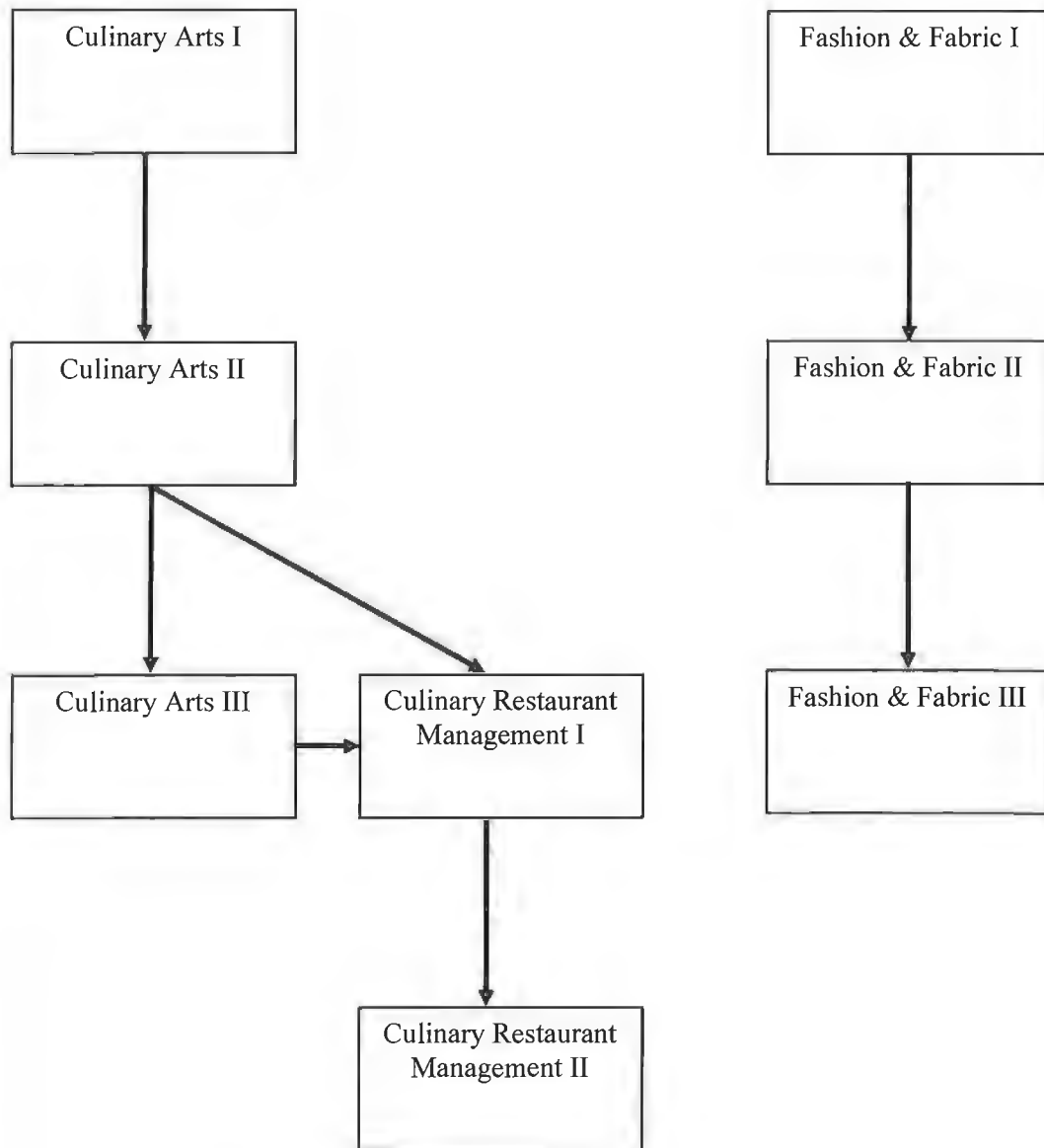
This course is designed to provide students with real-world work experience in the workplace. Students work an average of 5 hour per week in the retailing community and receive on-the-job training. Each student must work a minimum of 14 weeks each semester. Students will be concurrently enrolled in Marketing Education Relation.

Small Business Ownership

Grade: 10-12 Credit: 0.5

This course is designed to provide students with the opportunity to see what it is like to be their own boss. Students will be provided with a working background on the skills and knowledge necessary to own and operate their own small business, such as start-up costs, product management, and taxes. Students will examine the environment of small business ownership, the procedures and skills necessary to open a small business, and the policies and practices of a successful small business operation. Students will experience a hands-on approach to small business ownership.

FACS: Culinary Arts & Fashion



Other Departmental Courses
May Be Taken Out of Sequence:
Fashion Merchandising

FACS: Human Development

Family & Child
Development



Early Childhood
Occupations I



Early Childhood
Occupations II

Introduction to
Health Occupations



Health Occupations
Clinical

Other Departmental Courses
May Be Taken Out of Sequence:

Parenting
Adult Living
Introduction to Teaching
21st Century Skills
21st Century Skills Co-op Lab



Family & Consumer Science

Culinary Arts I

Grade: 9-12 Credit: 0.5

This is a lab-based course in which students enhance food preparation skills while preparing nutritious, cost effective and appealing foods that meet a variety of individual dietary needs. Students demonstrate safety, sanitation and environmentally conscious methods of handling, storing and preparing foods while maintaining responsible lab usage and team collaboration while preparing foods within the lab. This course has a \$25 lab fee.

Culinary Arts II

Grade: 9-12 Credit: 0.5

This lab-based course will expand on the basic Culinary Arts I skills emphasizing time management, consumer awareness, and application of basic culinary principles. Areas of study include proteins, grains, quick breads, yeast bread and bakery products. This is a good choice for students interested in a foods or hospitality career and/or interested in healthy eating for themselves and others. Students must have demonstrated proficiency in Culinary Arts I. This course has a \$25 lab fee.

Culinary Arts III

Grade: 9-12 Credit: 0.5

This lab-based course includes more challenging food preparation techniques, while also exploring U.S. regional cuisine and global perspectives of international cuisine. An internet research project is required in this course. Emphasis is put on nutritional needs, special diets, American heritage, International cuisine and garnishing. Students are involved in challenge-based learning competitions and develop innovative food products. Students must have demonstrated proficiency in Culinary Arts II. This course has a \$25 lab fee.

Culinary Restaurant Management I

Grade: 10-12 Credit: 1.0

Articulated credit with Elgin Community Colleges with a grade of a B

This year-long honors course provides students with hands-on experience in the preparation of food service and managerial tasks. Areas of concentration include safety, sanitation, cost control, inventory control, culinary math, food preparation, culinary terminology and restaurant/catering events. This course will help prepare students, who upon completing the requirements of the Prostart program, earn the restaurant industry-recognized certificate - the Prostart National Certificate of Achievement. Students must have demonstrated proficiency in Culinary Arts I & II. This course has a \$50 lab fee.

Culinary Restaurant Management II

Grade: 11-12 Credit: 1.0

Articulated credit with Joliet Junior College or Elgin Community Colleges with a grade of a B

This year-long honors course provides students with hands-on experience in food preparation and managerial tasks. Areas of concentration include breakfast foods, marketing, meat and poultry, baked goods and garnishing. In addition, the course includes restaurant and catering events which incorporate cost control strategies. This course will help prepare students, who upon completing the requirements of the Prostart program, earn the restaurant industry-recognized certificate - the Prostart National Certificate of Achievement. Students must have demonstrated proficiency in Culinary Restaurant Management I. This course has a \$50 lab fee.

Fashion & Fabrics I

Grade: 9-12 Credit: 1.0

Articulated credit with College of DuPage

This lab-based course is offered to students who have little or no sewing experience. Areas covered are sewing machine operation, measurements, fabric selection, pattern layout, and color. Elements and principles of design and wardrobe planning are also emphasized. Projects include a patchwork bag, apron, pajama pants, skirt and other projects chosen by the student and teacher. Students are responsible for purchasing some of their own supplies. This course has a \$10 lab fee.

Fashion & Fabrics II

Grade: 10-12 Credit: 1.0

This lab-based course will increase the sewing skills of intermediate level sewers by working with more challenging patterns, fabrics and details. Fabric appliqué and machine embroidery will be introduced. Students will design their own individual project based on desired skills and techniques. Students are responsible for purchasing some of their own supplies. Students must have demonstrated proficiency in Fabric & Fashion I. This course has a \$10 lab fee.

Fashion & Fabrics III

Grade: 11-12 Credit: 1.0

This lab-based course will further increase the sewing skills of the intermediate level sewer by introducing advanced sewing and fitting techniques. Projects used to develop these sewing skills will include tailored slacks or skirts, lined jacket or coat, jeans, dressy-type dress, blouse or sewing with plaids. A project of machine embroidery and monogramming will also be included. Students are responsible for purchasing some of their own supplies. Students must have demonstrated proficiency in Fashion and Fabrics I and II. This course has a \$10 lab fee.

Fashion Merchandising

Grade: 9-12 Credit: 0.5

Articulated credit with College of DuPage

This course focuses on the fashion industry, fashion design and the merchandising of fashion related products. Topics include an overview of the fashion industry, the evolution, trends and movement of fashion, career development, merchandising, promotion, fashion and accessory design.

Family & Child Development

Grade: 9-12 Credit: 1.0

This course explores the world of the developing child and the family dynamics. Students will examine the physical, emotional, intellectual, social and moral development of children and the role of the family in their development. Topics of study include overall development, current issues affecting children and families, guidance, and planning stimulating activities for all ages.

Early Childhood Occupations I

Grade: 10-12 Credit: 1.0

Articulated credit with Waubensee Community College

This course is designed to provide students interested in a career in early childhood occupations with information and practical experiences needed for the development of job-related competencies. Students are provided laboratory experiences in a school-based facility. Students will be expected to develop appropriate skills in program development and in assisting with children's activities. Classroom study is concerned with the philosophy and management of childcare centers and the state and local regulations governing care-giving operations. The main learning experiences will involve actual work with children in situations that simulate those found in business and industry, as well as preparation for that activity. Employability skills relating to appropriate work behavior, maintaining a safe and healthy environment, and maintaining a business-like image are included.

Early Childhood Occupations II

Grade: 11-12 Credit: 1.0

Articulated with Waubensee Community College

This course continues the learning begun in Early Childhood Occupations. The emphasis is on caring for preschoolers, elementary school students and special needs children. Specific areas of learning include career opportunities, communication skills, human relations, administration, and community resources. The major learning experiences involve actual work with children in facilities that simulate those found in industry, and discussion of the learning and problems that arise from that activity. Employability skills such as adapting to change, performing mathematical skills, working, and communicating with others are included. Students will have the opportunity to begin a professional portfolio. Students must have demonstrated proficiency in Early Childhood Occupations I.

Parenting

Grade: 9-12 Credit: 0.5

This course is open to any student who will be working with infants through teens as a professional, parent or educator. It is designed to help students in the future to communicate, understand, and guide children to reach their full potential. A broad range of topics are covered including what parenting skills are, child development, understanding temperament, intellectual development, communicating with young children, the dynamics of discipline, instilling self-esteem, teaching children values, and meeting their children's needs.

Adult Living

Grade: 11-12 Credit: 0.5

This course focuses on independent living skills, information on banking needs such as opening a checking account, insurance, loans, credit cards, apartment leases and career investigation. As a very practical class, it provides information and the practice of skills needed for everyday living in the adult world. This course fulfills the Consumer Education Graduation Requirement upon successful completion.

Introduction to Teaching

Grade: 10-12 Credits: 1.0

Dual Credit with Waubensee Community College

This course is open to any student who is thinking about education as a profession. Students will have the opportunity to shadow a certified teacher in an elementary, middle, or high school. The first semester covers the foundations of teaching, including why we teach, how schools are run and how policy is determined, what makes an effective teacher, standards and lesson planning, and current issues in education. The second semester will include clinical experiences. Students will be matched with a teacher/classroom to complete observations and some teaching. The student will leave the class with the knowledge on curriculum planning; planning and implementing lesson plans, an understanding of the importance of literature and reading to children, an appreciation for student diversity including learning styles, cross curriculum, classroom management, and the history of education. Students will develop a personal plan for achieving their career goals and begin their professional portfolio. Counselor recommendation is required.

Introduction to Health Occupations

Grade: 9-12 Credits: 1.0

This course will be an introduction to the field of health care occupations with emphasis on the individual and job qualifications for numerous health care professions. Topics to be discussed will include personal characteristics of health care professionals, the skills needed in math, science, and communications to be a success in various health occupations, and the health needs of all people throughout their life cycle. Students will participate in lab experiences related to the many aspects of health occupations.

Health Occupations Clinical

Grade: 11-12 Credits: 1.0

Dual Credit with Waubonsee Community College

This course, approved by the Illinois Department of Public Health, is designed to prepare students to function in the role of nurse assistant in a variety of health care settings. Content includes basic nursing procedures, food service, body mechanics, safety measures, special treatments, communication skills, and care of persons with Alzheimer's disease and related dementias. Clinical experiences are provided in long-term care facilities. CNA certification is available through the American Association of Medical Assistants for students who successfully complete the association's examination and satisfy the educational and/or experience requirements; however, no license is required to work. Students will need the following: a ride to the Rush Copley facility, \$150-\$175 to be applied towards the cost of the drug test, TB test, personal equipment and course manual. Students must provide evidence of a 2-step test for tuberculosis (TB) prior to the first clinical day. Students must have demonstrated proficiency in Introduction to Health Occupations.

21st Century Skills

Grade: 11-12 Credits: 0.5 or 1.0

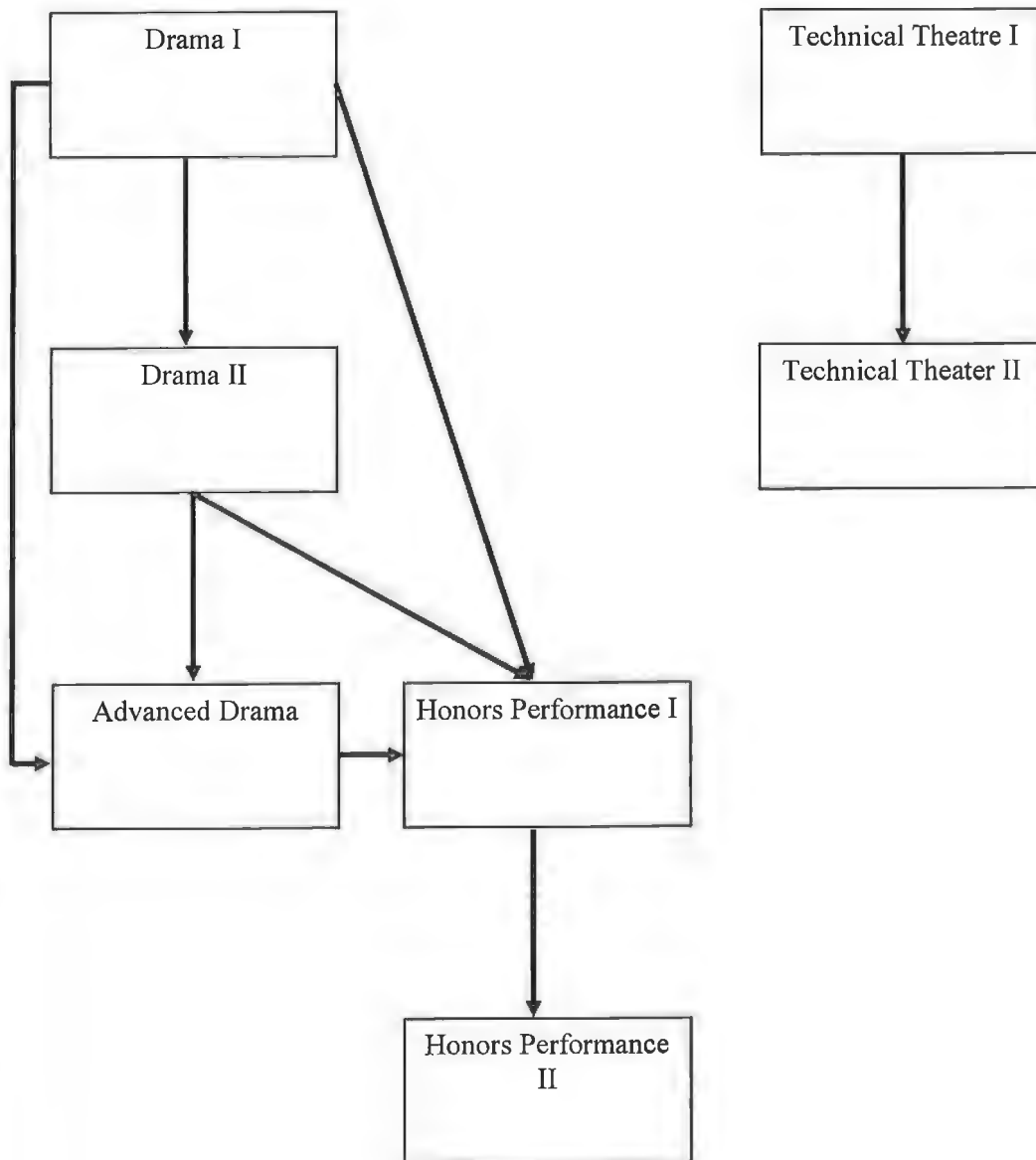
This course will offer guidelines for succeeding in the world of work. Students learn how to use effective job-seeking skills and will discover critical job survival skills to improve job satisfaction and success. Students will have an opportunity to earn a National Career Readiness Certificate which verifies to employers that an individual has essential core employability skills.

21st Century Skills Co-op Lab

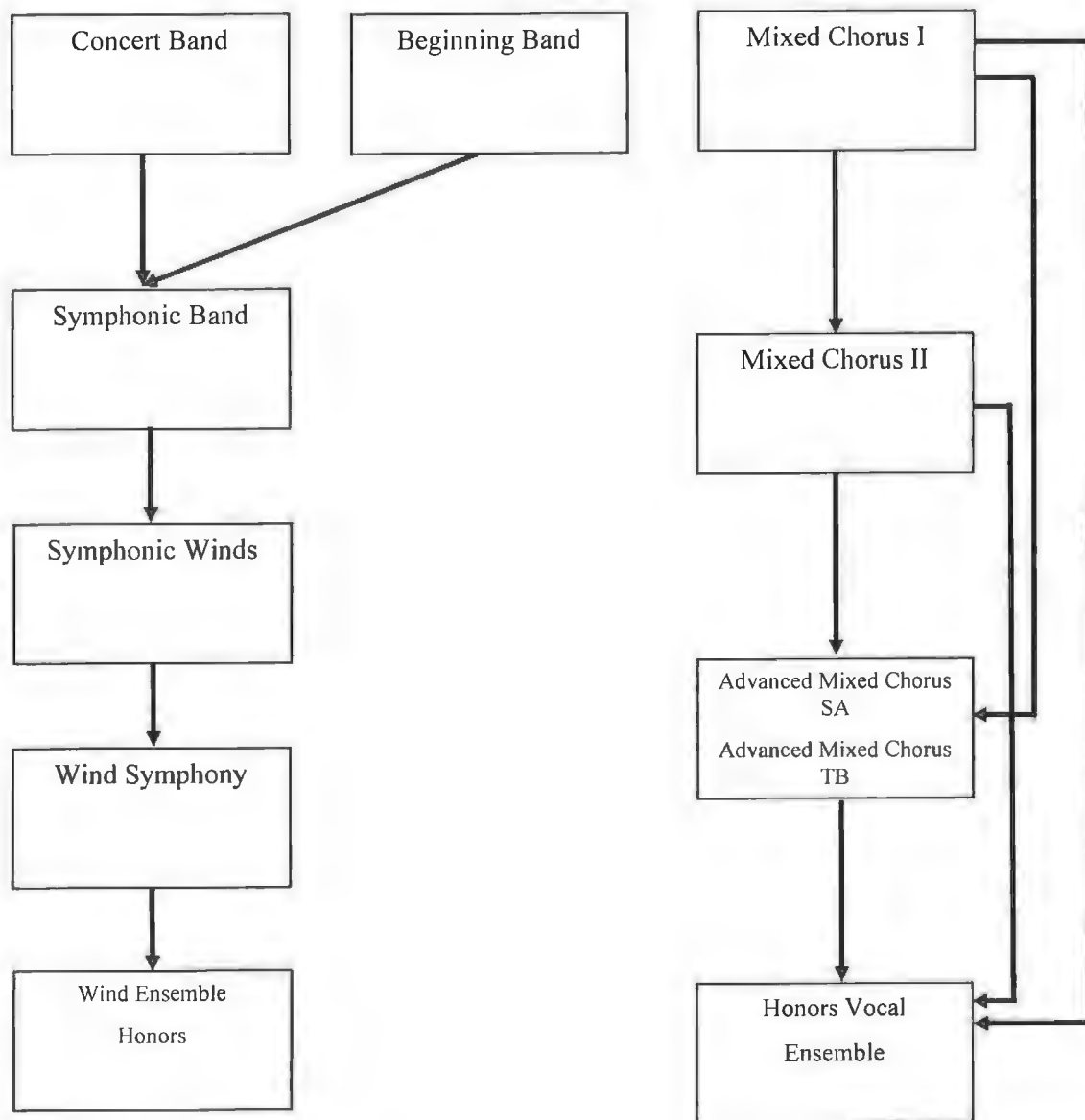
Grade: 11-12 Credits: 0.5 or 1.0

Students work an average of 15 hours a week in the community, and receive on-the-job training. Students receive 0.5 credits per semester for the Cooperative Lab segment of the class. Each student must work a minimum of 14 weeks each semester.

Fine Arts: Dramatic Arts



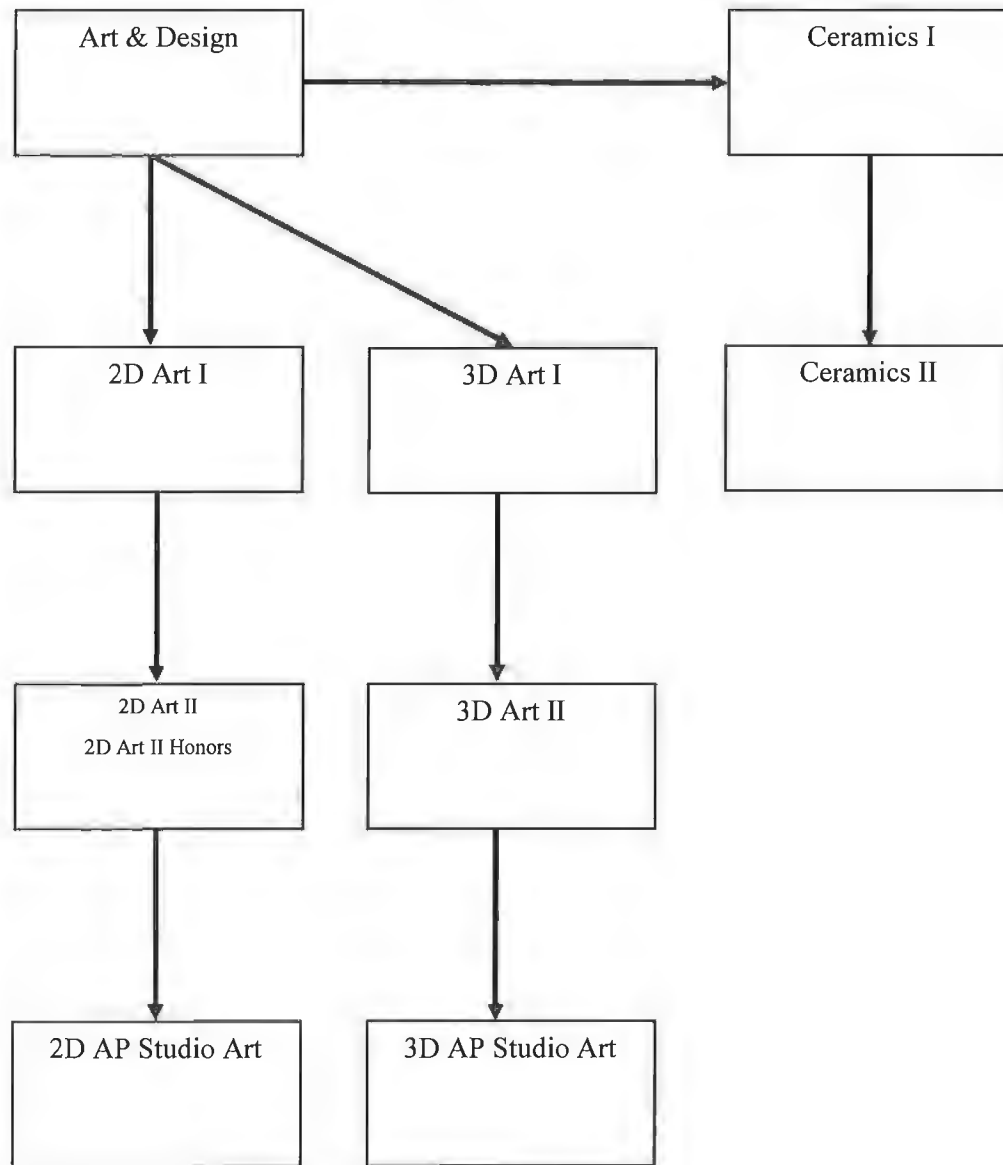
Fine Arts: Instrumental & Choral Music



Other Departmental Courses
May Be Taken Out of Sequence:

Percussion Techniques
Guitar I
AP Music Theory

Fine Arts: Visual Arts



Other Departmental Courses
May Be Taken Out of Sequence::

Digital Photography I

Dramatic Arts

Drama I

Grade: 9-12

Credit: 1.0

This is an introductory course that focuses on the basics of theater history and performance. Warm-ups, the use of observation and experience, the elements of pantomime, and the principles of improvisation are featured to provide students with fundamentals. There is also an emphasis on technical aspects of theatre, including stage direction and body positioning, stage blocking, vocal production, articulation, and backstage committees. A one-act play is performed at the end of each semester.

Drama II

Grade: 10-12

Credit: 1.0

This course is designed for students who have successfully completed Drama I who wish to continue to develop their skills in improvisation, creating a character, performing monologues, and preparing a scene for performance. The course will offer a deeper look at theatrical history and build on the technical skills students are gaining in the sequence. A one-act play is performed at the end of each semester. This course may be repeated for credit.

Advanced Drama

Grade: 10-12

Credit: 1.0

Advanced Drama is an intensified study of vocal improvement and acting techniques for the serious minded performer who has high school drama experience. The emphasis is placed on character development and scene analysis with an explanation of directing styles. The course presents a concentrated study of theatrical period styles, including Greek, Roman, Medieval, Renaissance, Elizabethan, Restoration, naturalistic, and contemporary eras. A one-act play is performed at the end of each semester. This course may be repeated for credit.

Honors Performance I

Grade: 11-12

Credit: 1.0

This course is open to juniors and seniors who have a serious performance intention and have completed an audition. Students will begin a study of complete theatrical history in relation to acting techniques, including pantomime, voice, diction, and an evaluation of dramatic structure. Students will have mastered the production and directing skills needed to perform a one-act class project at the end of each semester. Out-of-class performances are required. This course may be repeated for credit.

Honors Performance II

Grade: 11-12

Credit: 1.0

This course is designed for seniors who have completed Honors Performance I and have a continued desire to perform theatrically in college or community life. Students continue to master acting styles with a greater emphasis placed on creativity with the writing and directing of original scripts. Students will also gain experience in the professional audition process. Out-of-class performances are required.

Technical Theatre I

Grade: 9-12 Credit: 1.0

This course aims to introduce practical skills in theater techniques. Focus will be placed on application of construction techniques for the scenic environment, visual language, safety principles, and tools used in the creation of scenery and properties. In addition, the course will include an introduction to the principles, application, equipment, and safety of rigging, lighting, and sound technologies for the theatre. Students will put skills to use in a project to support course productions. Out-of-school participation as stage crew and striking the after school production is required. This course may be repeated for credit.

Technical Theatre II

Grade: 10-12 Credit: 1.0

This course is designed for students who have completed Technical Theatre I and have a continued desire to gain skills and participate in productions. There is a greater emphasis in this course on the incorporation of design and text analysis for designers, and skills in construction, rigging, lighting, and sound will be further established. Students will again put skills to practical application in a project to support course productions. Out-of-school participation as stage crew and striking the after school production is required. This course may be repeated for credit.

Choral Music

Mixed Chorus I

Grade: 9-12 Credit: 1.0

This course develops music literacy, performance, and personal enjoyment for students entering the vocal music sequence. It is designed to focus on rhythm, pitch, sight singing, and expression skills needed for students to be placed into advanced choral groups. Participation in 3-5 rehearsals and performances is required.

Mixed Chorus II

Grade: 9-12 Credit: 1.0

This course continues to develop music literacy and performance skills for students with previous high school choral experience. The development of vocal skills and musicianship is stressed, along with continuing work on basic techniques. Participation in 3-5 rehearsals and performances is required. This course may be repeated for credit.

Advanced Mixed Chorus

Grade: 9-12 Credit: 1.0

This course works at advanced development of vocal skills and musical concepts through a variety of rigorous literature, and it builds on the concepts of previous courses in the series. Choral experience and audition are required. Participation in 3-5 rehearsals and performances is required. This course may be repeated for credit.

Honors Vocal Ensemble

Grade: 9-12 Credit: 1.0

This advanced ensemble is designed for experienced choral students and is highly performance oriented, presenting a wide variety of choral literature from classical to contemporary. The focus is on more advanced sight reading and performance techniques. Choral experience and audition are required. Participation in 5-8 rehearsals and performances is required. This course may be repeated for credit.

AP Music Theory

Grade: 10-12 Credit: 1.0

This course is designed to prepare musicians for a possible major or minor in music at the college level. Students learn the fundamentals of music theory and music history, melody and harmony, ear training and composition. This course will give students an understanding of composition, arranging, and harmonic analysis. Aspects of music appreciation are covered throughout. The goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the materials and processes of music that are heard or presented in a score. The student's ability to read and write musical notation is fundamental to this course. It is also assumed that the student has acquired at least basic performance skills in voice or an instrument. Students enrolled in this course are expected to take the Advanced Placement Exam in May.

Instrumental Music

Beginning Band

Grade: 9-12

Credit: 1.0

This course is designed for the high school student who has never played a classical band instrument before. This class will teach students how to read music, basic tone production, proper playing position, ensemble skills, dynamics, and basic marching. Students will be asked to choose a classical band instrument to learn (Flute, Clarinet, Saxophone, Trumpet, Trombone, Baritone, or Tuba). Students will be required to purchase or rent an instrument from a music store. If a student does not have an instrument to play by the start of the third week of school, he/she will be dropped from the class. Students will perform in two concerts during the school year and march in the Memorial Day Parade.

Concert Band, Symphonic Band, Symphonic Winds, Wind Symphony, and Wind Ensemble Honors are Co-Curricular Courses, meaning, there are rehearsals and performances that will take place outside of the traditional school day. These bands perform at no fewer than three to five formal concerts during the school year. Students in these bands are also a part of the Marching Band. All extra rehearsals and performances associated with Marching Band are required. This includes, but is not limited to, summer marching band camp, evening and Saturday marching band rehearsals, home football games, home men's and women's basketball games, and community parades and events. All extra practices and performances are required as part of this class. It is the individual responsibility of each band member to have his/her schedules free and clear of any and all conflicts that may arise concerning band performances and rehearsals. This includes informing all coaches and/or employers who may also be involved. Any student using an instrument owned by School District 131 will be required to pay a rental fee. Any student using a marching band uniform will be required to pay a cleaning fee. These courses in the Band sequence can be repeated for credit.

Concert Band

Grade: 9

Credit: 1.0

All incoming freshmen with middle school band experience will continue to work on developing their skills in Concert Band. Students will be exposed to beginning and intermediate rhythm concepts, developing their range, articulation fundamentals, making emotional connections to the music, and analysis of self, ensemble, and others. Students will develop their abilities to be a successful musician for the rest of high school and beyond. This band will perform music at a grade level of 2 to 3.5 on a 5 point scale. This course has a \$10 lab fee.

Symphonic Band

Grade: 10-12

Credit: 1.0

Symphonic Band is a course designed for the developing high school musician. Students will be exposed to intermediate rhythm concepts, tone development, articulation fundamentals, making emotional connections to the music, and analysis of self, ensemble, and others. Students will continue to develop skills to help them be successful musicians throughout high school. This band will perform music at a grade level of 2.5 to 3.5 on a 5 point scale. This course has a \$10 lab fee.

Symphonic Winds

Grade: 10-12 Credit: 1.0

Symphonic Winds is a course designed for the developing high school musician. Students will be exposed to intermediate rhythm concepts, tone development, balance and blend, making emotional connections to the music, and analysis of self, ensemble, and others. Students will continue to develop comprehensive musicianship skills. This band will perform music at a grade level of 2.5 to 4 on a 5 point scale.

Wind Symphony

Grade: 10-12 Credit: 1.0

Wind Symphony is a course designed for the advanced high school musician. Students will be exposed to intermediate and advanced rhythm concepts, tone development, balance and blend, advanced articulation concepts, making emotional connections to the music, and analysis of self, ensemble, and others. Students will continue to develop comprehensive musicianship skills. This band will perform music at a grade level of 3.5 to 4.5 on a 5 point scale.

Wind Ensemble Honors

Grade: 10-12 Credit: 1.0

Wind Ensemble is an honors level course designed for the advanced high school musician who has some degree of mastery in basic music skills. Students will be exposed to advanced rhythm concepts, tone development, balance and blend, advanced articulation concepts, making emotional connections to the music, and analysis of self, ensemble, and others. Students will develop skills that will make them successful college musicians. This band will perform music at a grade level of 4 to 5+ on a 5 point scale. This band performs no fewer than five formal concerts during the school year along with a performance at graduation. This course has a \$10 lab fee.

Percussion Techniques

Grade: 9-12 Credit: 1.0

The Percussion Techniques class is designed to offer students who have experience with a percussion instrument the opportunity to develop a deeper understanding of the percussion instrument family and offer performance experiences that more specifically challenge and adhere to a percussionist's needs. This class will also expose students to other areas of percussion performance through marching band drum line music, indoor drum line show, and concert percussion ensemble opportunities. Students will also utilize non-traditional areas of percussion such as "found" instruments, non-traditional notation, unique voiced ensembles, and extended techniques only found in percussion-specific music. This course may also be repeated for credit.

Guitar I*Grade: 9-12**Credit: 1.0*

Guitar I is a class designed for students with little or no experience playing guitar to learn the fundamentals of the instrument and how to play it in varying styles. Skills taught will include reading music, reading guitar tablature, strumming and picking techniques, chord shapes, practice habits, and using apps and games to continue learning beyond the classroom environment. No guitar experience or instrument required.

Jazz Ensemble Honors*Grade: 9-12**Credit: 1.0*

This course is designed for accomplished musicians who wish to audition. The group operates year round and performs for a variety of functions, including formal concerts, holiday events, community performances, etc. that can best be accommodated by a smaller ensemble. Students are exposed to a variety of musical styles including swing, jazz, funk, rock, Latin, and more. In addition to basic musical concepts such as rhythmic development and tone production, students will be exposed to improvisation, jazz tonalities, and jazz specific articulation concepts. This group is a premiere-performing ensemble.

Visual Arts

Art & Design

Grade: 9-12 Credit: 1.0

This one year course is for anyone who would like to investigate the discipline of visual arts. Students will gain a strong foundation of the elements of art and principles of design. A variety of media, techniques, concepts, and materials will be explored. Major focus areas include linear perspective, still life, value & shape, color, and abstraction. This class serves as preparation for all higher level art classes.

2-Dimensional Art I

Grade: 10-12 Credit: 1.0

The concentration of this course is to expand the student's understanding of composition through the fundamentals of drawing. Assignments will develop and reinforce the students' knowledge of the elements and principles of design as they directly apply to two-dimensional art previously learned in Art & Design. Methods and techniques of drawing and painting will be explored through a variety of media; from black & white to color. Formal critique will be introduced and expanded upon throughout the year.

2-Dimensional Art II

Grade: 11-12 Credit: 1.0

This is an advanced course in drawing and painting in which student skills, primarily in drawing and/or painting, are refined and concepts are developed. Students will also be demonstrating an understanding of the critique process informally through oral and written format. This is a class for students considering producing an art portfolio in preparation for 2D AP Studio Art.

2-Dimensional Art II Honors

Grade: 11-12 Credit: 1.0

This is an advanced course in drawing and painting in which student skills are refined and concepts are developed where the emphasis will be on individual studies in the development of portfolio, exhibition, and competition. Students will also be mastering an understanding of the critique process more formally through oral and written format. This is a class for students interested in producing an art portfolio in preparation for 2D AP Studio Art.

2D AP Studio Art

Grade: 11-12 Credit: 1.0

This is an Advanced Placement art course for students who have completed 2D Art II. The focus of the course is on the development of original, conceptual artwork and unique artistic style. Ethics and artistic integrity are explored and emphasized. Students are required to produce a specific amount of quality artwork that reflects the first year of college level standards and shows a sustained investigation and range of approaches. Students in this course are expected to produce an AP Studio Portfolio for submission to the AP College Board in May. Additional cost of supplies will be based on student media choice and need.

3-Dimensional Art I

Grade: 10-12 Credit: 1.0

This course is intended for students who have successfully completed Art & Design and want to concentrate on 3D designs. Students will reinforce and develop their understanding of the elements and principles of design. Sculptures will be concentrated in the areas of relief and stand-alone where the student will use a variety of media while learning different methods and techniques.

3-Dimensional Art II

Grade: 11-12 Credit: 1.0

This course is designed for students who have successfully completed 3D Art I. This is an advanced course in sculpture where student skills are refined and concepts are developed. Students will have the opportunity to continue work to refine relief and stand-alone skills in several mediums, including wood, metal, and/or stone. Students will also be demonstrating an understanding of the critique process informally through oral and written format. This is a class for students interested in producing an art portfolio in preparation for 3D AP Studio.

3D AP Studio Art

Grade: 11-12 Credit: 1.0

The AP Studio Art 3D Design course is for students who are self-disciplined and highly motivated to develop mastery in their 3D artwork. This course will develop their conceptual skill, compositional skills, and their execution of ideas. Students are required to produce a specific amount of quality artwork that reflects the first year of college level standards and shows a sustained investigation and range of approaches. Students in this course are expected to produce an AP Studio Portfolio for submission to the AP College Board in May. Additional cost of supplies will be based on student choice and need.

Ceramics I

Grade: 9-12 Credit: 1.0

This year-long course is offered to students without previous art experience who are interested in ceramics. The emphasis of this class will be to explore the art medium of ceramics and clay where students will be exposed to hands-on construction and a variety of decorating, glazing, and firing techniques and will produce a number of creative pieces of stoneware. Students will study different methods and techniques of construction, functional and non-functional art forms. Along with this exploration, students will be exposed to the history and artists in this medium. This course has a \$10 lab fee.

Ceramics II

Grade: 10-12 Credit: 1.0

This is a year-long, hands-on course offered to students who have completed Ceramics I. The emphasis of this class will be to explore in more detail the art medium of ceramics, clay. Students will study different methods and techniques of construction, both additive and subtractive, and carving, that they learned in Beginning Ceramics on a deeper level and will produce a number of creative pieces of stoneware. They will be using clay as a more sculptural form and continue to be exposed to the history and artists in this medium. This course has a \$10 lab fee.

Digital Photography I*Grade: 9-12**Credit: 1.0*

Digital Photography I is a beginning level photography course that will provide students with thorough working knowledge of the aesthetic and technical principles of digital photography. Students will learn DSLR camera handling and basic operational skills. The course explores composition, creativity, and aesthetics, as well as post-processing techniques (digital photo manipulation, color correction, exposure compensation, etc.) using Adobe computer applications.

Naval Junior ROTC

Grade 9

Naval Science I

Grade 10

Naval Science II

Grade 11

Naval Science III
Honors

Grade 12

Naval Science IV
Honors



Students may begin taking NJROTC during any year of high school.

Naval Junior ROTC

Naval Science I

Grade: 9-12 Credits: 1.0

This introductory level course introduces students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level. Includes introduction to the NJROTC program; introduction to Leadership, Citizenship and the American Government; introduction to Wellness, Fitness, and First Aid to include diet, exercise and drug awareness, introduction to Geography, Orienteering, Survival and Map Reading Skills; Financial Skills and introduction to the U. S. Navy.

Naval Science II

Grade: 10-12 Credits: 1.0

Students enrolled in Naval Science II build on the general introduction provided in Naval Science I, to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States. Includes ongoing instruction into Leadership; introduction to Maritime History, including the American Revolution, Civil War, the rise of the U. S. to world power status, World Wars 1 and 2, the Cold War Era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Naval Science III Honors

Grade: 11-12 Credits: 1.0

Students enrolled in Naval Science III broaden their understanding of the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of naval ships and aircraft. The course includes instruction in Sea Power and National Security, Naval Operations and Support Functions, Military Law, and International Law and the Sea. It provides introduction to Ship Construction and Damage Control, Shipboard Organization and Watch Standing, Basic Seamanship, Marine Navigation, and Naval Weapons and Aircraft.

Naval Science IV Honors

Grade: 12 Credits: 1.0

At this advanced level, instruction is focused primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and the variety of choices that are available to them. The course includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

World Languages

Grade 9

French I

German I

Spanish I

Mandarin Chinese I

Grade 10

French II

German II

Spanish II or Spanish
Speaker II

Grade 11

French III Honors

German III Honors

Spanish Honors III
Spanish Speaker Honors
III

Grade 12

AP French Language
& Culture

AP German Language
& Culture

AP Spanish Language
& Culture

AP Spanish Literature



Students may begin taking a World Language during any year of high school. Students may also be placed into a different language level with teacher recommendation.

World Languages

French I

Grade: 9-12

Credit: 1.0

This course approaches the study of French through four skills: listening, speaking, reading and writing. Content includes dialogues, supplementary vocabulary, pronunciation and grammar exercises, with the culture of French-speaking countries being central to all activities. Study of the French culture allows students to make comparisons and connections to their own experiences. Performance-based assessments in speaking and writing will provide the students the opportunity to use the language in practiced, familiar contexts. Interpretive listening and reading tasks are focused on the acquisition and recognition of basic stated information in the target language. *NCAA Approved.*

French II

Grade: 10-12

Credit: 1.0

Students enrolled in French II have demonstrated proficiency in French I. Students continue to develop their competence in French across the listening, speaking, reading and writing domains. Performance-based assessments in the speaking and writing domains provide students the opportunity to use the language in practiced, familiar contexts as well as occasional unfamiliar topics with increasing independence. Students continue to explore the cultures of the French-speaking world in new contexts. *NCAA Approved.*

French III Honors

Grade: 11-12

Credit: 1.0

Students enrolled in French III honors have demonstrated proficiency in French II. Students continue to develop their competence in French across the listening, speaking, reading and writing domains. Performance-based assessments in speaking and writing provide the students opportunity to use French independently in familiar contexts, although there is greater emphasis on free expression. Students continue to explore the cultures of the French-speaking world in new contexts. Communication in the class is primarily in French, with English instruction used to explain more complicated and involved ideas. *NCAA Approved.*

Advanced Placement French Language and Culture

Grade: 12

Credit: 1.0

Students enrolled in Advanced Placement French Language and Culture have demonstrated proficiency in French III. Students continue to develop their competence of the French language and also prepare for the AP French Language and Culture exam. Contemporary publications, historical texts, and original works of literature are studied and used as points of departure for classroom discussions. Students are expected to converse and write with grammatical accuracy and some degree of fluency. This class is conducted entirely in the target language. Students should expect to complete rigorous work reflective of a college course. Students enrolled in this course are expected to take the Advanced Placement Exam in May. *NCAA Approved.*

German I

Grade: 9-12

Credit: 1.0

This course approaches the study of German through four skills: listening, speaking, reading and writing. Content includes dialogues, supplementary vocabulary, pronunciation and grammar exercises, with the culture of German-speaking countries being central to all activities. Study of the German culture allows students to make comparisons and connections to their own experiences. Performance-based assessments in speaking and writing will provide the students the opportunity to use the language in practiced, familiar contexts. Interpretive listening and reading tasks are focused on the acquisition and recognition of basic stated information in the target language. *NCAA Approved.*

German II

Grade: 10-12

Credit: 1.0

Students enrolled in German II have demonstrated proficiency in German I. Students continue to develop their competence in German across the listening, speaking, reading and writing domains. Performance-based assessments in the speaking and writing domains provide students the opportunity to use the language in practiced, familiar contexts as well as occasional unfamiliar topics with increasing independence. Students continue to explore the cultures of the German-speaking world in new contexts. *NCAA Approved.*

German III Honors

Grade: 11-12

Credit: 1.0

Students enrolled in German III honors have demonstrated proficiency in German II. Students continue to develop their competence in German across the listening, speaking, reading and writing domains. Performance-based assessments in speaking and writing provide the students opportunity to use German independently in familiar contexts, although there is greater emphasis on free expression. Students continue to explore the cultures of the German-speaking world in new contexts. Communication in the class is primarily in German, with English instruction used to explain more complicated and involved ideas. *NCAA Approved.*

Advanced Placement German Language and Culture

Grade: 12

Credit: 1.0

Students enrolled in Advanced Placement German Language and Culture have demonstrated proficiency in German III. Students continue to develop their competence of the German language and also prepare for the AP German Language and Culture exam. Contemporary publications, historical texts, and original works of literature are studied and used as points of departure for classroom discussions. Students are expected to converse and write with grammatical accuracy and some degree of fluency. This class is conducted entirely in the target language. Students should expect to complete rigorous work reflective of a college course. Students enrolled in this course are expected to take the Advanced Placement Exam in May. *NCAA Approved.*

Mandarin Chinese I

Grade: 9-12 Credit: 1.0

This course approaches the study of Mandarin Chinese through four skills: listening, speaking, reading and writing. Content includes dialogues, supplementary vocabulary, pronunciation and grammar exercises, with the culture of Chinese-speaking countries being central to all activities. Study of the Chinese culture allows students to make comparisons and connections to their own experiences. Performance-based assessments in speaking and writing will provide the students the opportunity to use the language in practiced, familiar contexts. Interpretive listening and reading tasks are focused on the acquisition and recognition of basic stated information in the target language. *NCAA approved.*

Spanish I

Grade: 9-12 Credit: 1.0

This course approaches the study of Spanish through four skills: listening, speaking, reading and writing. Content includes dialogues, supplementary vocabulary, pronunciation and grammar exercises, with the culture of Spanish-speaking countries being central to all activities. Study of the Spanish culture allows students to make comparisons and connections to their own experiences. Performance-based assessments in speaking and writing will provide the students the opportunity to use the language in practiced, familiar contexts. Interpretive listening and reading tasks are focused on the acquisition and recognition of basic stated information in the target language. *NCAA Approved.*

Spanish II

Grade: 9-12 Credit: 1.0

Students enrolled in Spanish II have demonstrated proficiency in Spanish I or placed per teacher recommendation. Students continue to develop their competence in Spanish across the listening, speaking, reading and writing domains. Performance-based assessments in the speaking and writing domains provide students the opportunity to use the language in practiced, familiar contexts as well as occasional unfamiliar topics with increasing independence. Students continue to explore the cultures of the Spanish-speaking world in new contexts. *NCAA Approved.*

Spanish III Honors

Grade: 10-12 Credit: 1.0

Students enrolled in Spanish III honors have demonstrated proficiency in Spanish II. Students continue to develop their competence in Spanish across the listening, speaking, reading and writing domains. Performance-based assessments in speaking and writing provide the students opportunity to use Spanish independently in familiar contexts, although there is greater emphasis on free expression. Students continue to explore the cultures of the Spanish-speaking world in new contexts. Communication in the class is primarily in Spanish, with English instruction used to explain more complicated and involved ideas. *NCAA Approved.*

Spanish Speaker I

Grade: 9-12 Credit: 1.0

Students enrolled in this course already speak and understand basic conversational Spanish. This course serves as an introduction to the formal study of Spanish for those students who have had extensive exposure to the language in non-academic settings. The course is taught in the target language, and it is expected that all students participate in Spanish. The course focuses on improvement in reading and writing with an emphasis in orthographic and grammatical rules. Students also study cultural aspects of the Spanish-speaking world. ***NCAA Approved.***

Spanish Speaker II

Grade: 9-12 Credit: 1.0

Students enrolled in this course already speak and understand basic conversational Spanish. Students enrolled should have demonstrated proficiency in Spanish Speaker I or placed per teacher recommendation. The course is taught in the target language and it is expected that the student also participate in the target language. Students will continue to develop communication skills, study grammatical structures and learn about culture. Specific cultural emphasis will be given to Mexico, Central America, South America, and Spain. Specific communication skills will emphasize listening and speaking with increased instruction and practice in reading and writing. ***NCAA Approved.***

Spanish Speaker III Honors

Grade: 10-12 Credit: 1.0

Students enrolled in this course already speak and understand basic conversational Spanish. Students enrolled have demonstrated proficiency in Spanish Speaker II or have been placed per teacher recommendation. The students in the course have had extensive exposure to the language in a non-academic setting and previously acquired skills to understand and speak colloquial or standard Spanish. The course is taught in the target language and it is expected that the student also participate in the target language. The course emphasizes reading and analyzing short stories, drama, poetry, and novels from different regions of the Spanish speaking world (outlined by the College Board) in order to better prepare the students for the Advanced Placement Spanish Language and Culture and Advanced Placement Spanish Literature courses. The course also focuses on the progression of students' reading and writing skills. ***NCAA Approved.***

Advanced Placement Spanish Language and Culture

Grade: 11-12 Credit: 1.0

This class prepares the student for the Advanced Placement Spanish Language Examination. This course refines conversational skills through discussions on current events and the use of the target language at all times. The course also provides a comprehensive grammar review. The student will read and analyze selected works in Spanish and Latin American literature in all genres. The course is comparable in difficulty and content to an advanced-level college class in Spanish composition and conversation. Students enrolled in this course are expected to take the Advanced Placement exam in May. ***NCAA Approved.***

Advanced Placement Spanish Literature

Grade: 12 Credit: 1.0

This class prepares the student for the Advanced Placement Spanish Literature Examination. The student will study in depth several pieces of literature from all different genres of the Spanish and Hispanic American authors. The student is expected to read all pieces of literature and to write coherent analytical essays at a college level. Students critique orally, and in writing, the representative works of prose, poetry, and drama. Intensive work in grammar and vocabulary will be required in order to help students prepare for College Board achievement and placement. The course is comparable in difficulty and content to an advanced-level college class in Spanish literature. Class is conducted entirely in the target language. Students enrolled in this course are expected to take the Advanced Placement exam in May. ***NCAA Approved.***