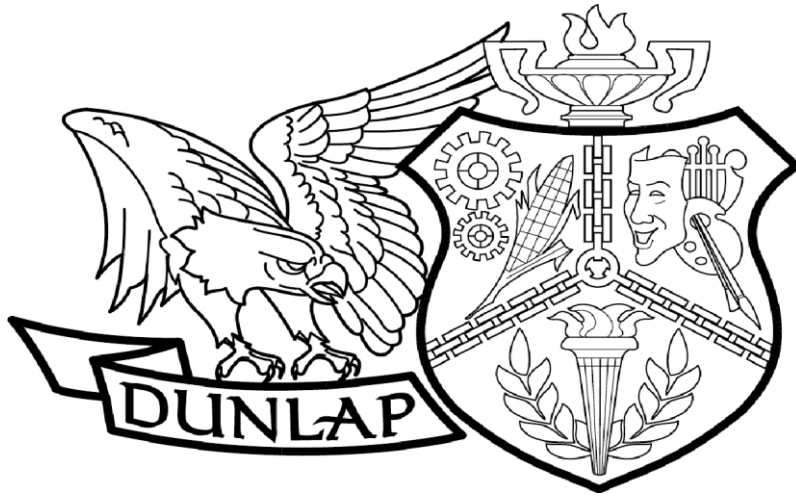


DUNLAP HIGH SCHOOL

CURRICULUM GUIDE



2020-2021

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PROGRAM PLANNING

A program of classes for the freshman year is decided when a counselor has an individual conference with the student prior to entering high school. Unless the student or parents contact the counselor about a change, the program of courses for the first year will be the one agreed upon during the registration process. A student's schedule will be determined via a conference with the counselor yearly. The employment picture in the United States is constantly changing. For most positions, it is necessary to have additional training after high school in order to be considered for employment. Students who are planning to attend technical schools or enter apprenticeship programs should consider taking Tech courses during their four years. Those students who are undecided may wish to follow a general course of study. With prior approval, juniors and seniors may take courses at the college level while also earning high school credit (Dual Credit and AP classes).

STUDY HABITS

Classes are approximately 49 minutes in length. It is reasonable to expect approximately 30 minutes of homework per subject per day. It is hoped that each student will spend the amount of time on his or her studies that will make it possible to do the work that he/she is capable of doing. In order for success in high school, it is recommended that students use a planner (electronic or paper) to organize not only academic work, but also extra curricular and commitments outside of school. Students are encouraged to communicate with teachers/coaches/sponsors when questions arise and extra clarifications are needed.

SEMESTER EXAMS

Semester exams are required for all specified academic classes. The exams are comprehensive for the content covered during the semester. Students are given the opportunity for review of the material covered by the instructor prior to the exam date. The Administration and faculty believe that this testing experience helps and prepares all students for similar post high school experiences, especially test situations encountered at the college level. It also assists students in synthesizing the body of material covered during the semester and reinforces the principle material of the course. The semester grade, which is the grade recorded on the permanent records and used to figure class rank, will be computed as follows:

1st Quarter Grade	40%	3rd Quarter Grade	40%
2nd Quarter Grade	40%	4th Quarter Grade	40%
Final Exam	20%	Final Exam	20%

With the exception of students in dual credit classes, seniors at the end of their sixth semester who have accumulated a grade point average of 3.0 will not be required to take first semester finals. Those seniors that meet the criteria of this incentive may choose to take the semester exam; the exam score will only be applied to the final grade if it benefits the student. All students who take summer school will be required to take final exams or projects including seniors.

If a student has three finals in one day, they have the option to move one to the final make up time with counselor approval. Any student who does not take a final exam when required to do so will receive an "F" for the semester for failure to complete the course. Seniors at the end of their 8th semester will not be required to take semester exams, with the exception of those requested to do so by teachers to help determine a final passing or failing grade. Final determination is made by the teacher.

COURSE SELECTION/SEQUENCING OF COURSES

It is the responsibility of the Administration and staff of Dunlap High School to offer students an in-depth and varied curriculum from which the student may choose the most appropriate courses or sequence of courses in order to meet the specific interests and needs of the student. It is reasonable to assume that based on sound educational practices, research, student performance and anticipated success, the District should recommend courses and the sequencing of those courses in order to offer the student optimum learning experiences. Students and their parents have the opportunity to select courses and sequencing provided the students meet the prerequisites for the desired courses. Class size may limit access to courses as well. Students with higher class grade standing (Senior, Junior, Sophomore, then Freshman) will have first preference. Students and their parents should be informed of the potential consequences of taking specific courses or taking courses out of sequence that are not recommended by the staff. It is not unreasonable for the District to ask the student and parent to acknowledge and take responsibility for courses or sequences of courses not recommended. All available courses and prerequisites will be listed in the curriculum guide and will be provided to the students during the course selection process.

All classes will be expected to meet the established minimum and maximum enrollment requirements in order to exist each semester. Students may not withdraw from or add a course if it causes the class to fall below the established minimum enrollment requirement or exceed the established maximum enrollment requirement. This provision supersedes all additional criteria stated herein, which may allow a student to add or drop a course.

Students may add a course up to the 7th day, subject to enrollment requirements and availability. Students who drop between the 8th and 15th day will be assigned a study hall and NOT be given a "WF". If a student is allowed to drop a course after the 15-day drop period, a grade of "WF" (zero) shall be recorded for the semester and calculated into their grade point average (GPA). Academically acceptable criteria for a class change request may include the results of summer school (both success & failure), college requirements (juniors/seniors only), DHS graduation requirements, counselor error, unfulfilled prerequisite classes, and/or unsatisfactory Accuplacer test results for ICC dual credit classes.

Counselors will meet with each class yearly to discuss the registration process. Students will have the best opportunity for obtaining the courses they need if they make carefully considered decisions at the time they submit their course requests for the next school year. Academic counselors have been assigned to each student to assist them in this process. Students are encouraged to consult their counselor, parents, and the curriculum guide when making class selections. Other resources are available, such as Xello, which is discussed in more detail on page 19. Students are also encouraged to research the admissions requirements for any postsecondary program of interest. Before finalizing the registration process students are required to meet with their counselor to discuss their requests. Early planning cannot be over-emphasized. Students and parents are responsible for their course selection decisions. Dunlap High School will expect students to honor their class choices. Ultimately, class selection and schedule changes are at the discretion of the high school administration.

GRADING

Honors courses (H), Pre Advanced Placement courses (PreAP), Advanced Placement courses (AP), and Dual Credit courses (H) are designated in the course selection section and will be noted as such on the high school transcript. These advanced level courses have a special grading scale, but do not carry any extra grade weight.

Our grading system for non-honors courses is as follows:

A+ 99-100	A 94-98	A- 92-93
B+ 90-91	B 86-89	B- 84-85
C+ 82-83	C 76-81	C- 74-75
D+ 72-73	D 68-71	D- 66-67
	F 0-65	

Honors and enriched courses will be graded as follows:

A+ 98-100	A 94-97	A- 90-93
B+ 88-89	B 84-87	B- 80-83
C+ 78-79	C 74-77	C- 70-73
D+ 68-69	D 64-67	D- 60-63
	F 0-59	

Students are required to take a minimum of four (4) core classes each semester in addition to a physical education class unless exempted. Students are recommended to take **five (5) core classes each semester** but may take more if desired or necessary. All students are required to be in attendance for six (6) class periods except for work-based learning, online or off-site dual credit (which includes D2 or Strong Start) and Co-op students.

REQUIREMENTS FOR GRADUATION

A minimum of twenty-one (21) units of credit is required for graduation from Dunlap High School and must include the following:

Graduation Requirements:

- 4 Years of Language Arts (must include 1 Semester of Speech)
- 3 Years of Mathematics
- 2 Years of Social Studies (must include U.S. History and Civics)
 - *Must pass US and IL Constitution Tests
- 3 Years of Science
- 1 Year of Foreign Language, Agriculture, Art, Business, Engineering, Family & Consumer Science, Work Based Learning, or CTE Dual Credit courses
- 1 Semester of Software Applications
- 1 Semester of Family Resource Management & Planning
- 8 Semesters of Physical Education (must include Driver Education classroom and Health) unless exemptions are provided

College Bound Recommendations:

- 4 years of English *Speech may not count as an English course at every post-secondary institution.
- 3-4 years of Math
- 3 years of Social Studies
- 3-4 years of Science
- Minimum 2 years of the same Foreign Language

On the chart listed below, all courses meet two (2) consecutive semesters and earn one half (.5) unit of credit per semester unless noted otherwise. The following is one example of a 4-year plan:

Freshman Year

English
Math

Sophomore Year

English
Math

Science
Physical Education (¼) /Health
Speech/Software Applications
Elective
Study Hall

Junior Year

English
Math
Science
Physical Education (¼ both semesters)
US History
Elective
Study Hall

Science
Physical Education (¼)/Drivers Education (¼)
Social Studies Elective
Elective
Study Hall

Senior Year

English (one semester)
Physical Education (¼ both semesters)
Civics
Family Resource Management & Planning
Elective
Elective
Study Hall

FRESHMAN COURSE RECOMMENDATIONS

On the basis of test scores, previous grades and the recommendations of the eighth grade teachers, counselors will recommend appropriate level of math, English, science and foreign language during their Freshman year.

HIGH SCHOOL CREDIT FOR FOREIGN LANGUAGE PROFICIENCY

Students with proficiency in a language other than English may earn up to one (1) foreign language credit through a passing score on a proficiency exam in that language. Families must bear the cost and the scheduling of the proficiency exam, which must be on the list of exams approved by the foreign language department. The exam must measure student's speaking, reading, writing, and listening skills, and the student must pass in all four areas in order to earn credit. Credit will be designated as achieved through proficiency testing on the student's transcript. Please see your counselor for further information.

EARLY COLLEGE OPPORTUNITIES

ICC DUAL CREDIT TAUGHT AT DUNLAP HIGH SCHOOL

Illinois Central College and Dunlap High School are offering the following courses so that students have the opportunity to earn college credit while taking advanced high school classes. Students must meet ICC requirements to be enrolled in these classes. If a student decides to take a course for dual credit, tuition for the course will be due to DHS once the course has started. Even if a student decides not to take a course for dual credit, they are still responsible for purchasing their textbooks for the course. Tuition for these courses is set by ICC and is subject to change.

Course #	Course Name	DHS Credit	ICC Credit	Offered to
ENGL 110	Composition I	½	3	12
ENGL 111	Composition II	½	3	12
BIOL 140	Human Anatomy & Physiology	½	4	11, 12
MATH 115	College Algebra	½	4	11, 12
MATH 110	Concepts of Mathematics	½	3	11, 12
MATH 111	General Education Statistics	½	3	11, 12

ICC ONLINE DUAL CREDIT CLASSES

In collaboration with ICC, DHS offers seven (7) online dual credit classes during the Fall and Spring semesters. The availability of these courses is subject to change, as determined by ICC. They are college-level courses that are only available to high school junior or senior students, and the students will earn college credit and high school credit. Students do not have the option to take these online classes for high school credit only, therefore, payment will be required. These classes are semester long and the students will need to purchase their own textbooks. Tuition for these courses is set by ICC and is subject to change.

Course #	Course Name	DHS Credit	ICC Credit	Offered To
ENGL 110	Composition I	½	3	12
ENGL 111	Composition II	½	3	12
PSY 110	Introduction to Psychology	½	3	11, 12
SOC 110	An Introduction to Sociology	½	3	11, 12
BUS 110	Introduction to Business	½	3	11, 12
HLTH121	Medical Terminology	½	2	11, 12
ART 110	Art Appreciation	½	3	11, 12

STRONG START

Dunlap High School and ICC are partnering to provide the opportunity for students to take dual credit courses on the ICC campus on a part time basis. Through this program students will spend part of their day at ICC (morning or afternoon) and the other part of their day at Dunlap High School. ICC courses must be structured in such a way that the student is able to attend DHS's daily schedule.

- Students are responsible for paying ICC's tuition and any associated fees.
- Students must provide their own transportation.

DUAL DEGREE PROGRAM (D2)

Dunlap High School and ICC are partnering to provide the opportunity for students to earn their high school diploma at the same time as earning an Associates of Arts degree. The Dual Degree Program (D2) is available to qualified DHS juniors and seniors who are academically motivated and able to take college courses on the ICC campus. Students must qualify for admission to ICC in order to be admitted into the program.

- Students spend their junior and seniors years on ICC's campus with this highly structured four-semester program
- Students are responsible for paying ICC's tuition and any associated fees.
- Students must provide their own transportation.

ADDITIONAL DUAL CREDIT OPTIONS

Additional college classes (at ICC and other institutions) can be taken for dual credit with prior approval from your high school counselor. The student will be responsible for filling out the Dunlap High School Outside Course Approval form. All financial responsibilities including, but not limited to, transportation, course tuition, fees, enrollment, application, and materials are placed upon the student seeking approval.

Upon completion of the class, the student must provide their counselor with an official transcript from the post-secondary institution. Qualifying general education courses can be found at <https://itransfer.org/courses/worksheet.php>, and qualifying CTE courses and programs can be found at ICC.org. All courses must meet the following criteria:

- General education or Career and Technical Education class that is not already offered at Dunlap High School
- General education or Career and Technical Education class that does not fit into the student's schedule.

THE ADVANCED PLACEMENT PROGRAM

www.collegeboard.org

Dunlap High School offers a variety of Advanced Placement courses. These courses are intended for highly qualified students. Participation in Advanced Placement allows students the opportunity to pursue college-level studies while still in high school. Through this program, students may earn college credit and/or advanced placement depending on their Advanced Placement testing results. AP testing is offered at Dunlap High School each May only for subjects that we offer during a particular school year. Fees are set by the College Board (around \$90) and are subject to change. Testing is optional.

Students who take AP courses learn a subject in greater depth, develop analytical reasoning skills, and form disciplined study habits that can contribute to continued success at the college level. Because the AP teachers at Dunlap High School teach other courses and work as curriculum members, the AP Program strengthens our entire curriculum

Students improve their chances of being accepted by the college of their choice. College admissions personnel view AP experience as one indicator of future success at the college level. As college admissions become more selective, participation in an AP course is a great advantage. Students are often exempted from introductory courses at college. Most colleges and universities in the United States, as well as colleges and universities in 60 other countries, accept AP grades. Course exemptions gives students time to broaden their college experience by exploring additional subject areas, participating in internships, and studying abroad. Students may be granted sophomore standing. Students earning satisfactory grades on enough AP Exams may be granted a full year's credit by their college or university.

ADVANCED PLACEMENT COURSES (AP)

Biology	Statistics	US History
Chemistry	Computer Science Principles	World History
Physics I	Computer Science A	Psychology
Physics II	Studio Art: 2D Design & Drawing	Human Geography
Calculus AB	French IV	Literature & Composition
Calculus BC	Spanish V	Language & Composition

Dunlap High School Complete List of Course Offerings

Agriculture

Intro to Agriculture
Animal/Horticulture Science
Agri-Business Mgmt
Landscape/Turf Mgmt

Art

Art Foundations
3D Design
Painting I

Painting II
Drawing I
Drawing II
Computer Graphics I
Computer Graphics II

Crafts
Photography I
Photography II
Digital Photography I
Digital Photography II
Digital Multi-Media
Independent Study Art
Independent Study Photo
Video/Media Production
AP Studio Art: 2D Design & Drawing
ART 110 (H) Art Appreciation

Business

Software Applications
Web Design I
Web Design II
Marketing
Business Law
Economics
Accounting I
Accounting II
Computer Networking/Maintenance I
Cooperative Education
BUS 110 (H) Intro to Business

English

Practical Reading & Writing I
Lang/Lit I
Lang/Lit I (H)
Practical Reading & Writing II
Lang/Lit II
Lang/Lit II (H)
Practical Reading & Writing III
Lit & Comp (AP)
Speech I & II
World Literature I
World Literature II
British Literature I
British Literature II
Journalism
Film Studies
Creative Writing
Lang & Comp (AP)
Practical Reading & Writing IV
Composition I (H)/ENGL 110 (H)
Composition II (H)/ENGL 111 (H)
Media Persuasion

Family & Consumer Science

Introduction to FACS Careers
Nutrition & Culinary Arts I
Culinary Occupations I
Nutrition & Wellness Occupations
Textiles & Design I
Interior Design
Dedicate
Human Development & Family
Wellness
Child Development & Parenting
Care and Learning Services
Occupations
Family Resource Mgmt & Planning
Family Resource Mgmt & Planning
Blended

Fine Arts

Theatre

Foreign Language

French I
French I (PreAP)
French II
French II (PreAP)
French III
French III (PreAP)
French IV (PreAP)
French IV (AP)
Ind. Study French
Cultures of the French-Speaking
World
Spanish I
Spanish I (PreAP)
Spanish II
Spanish II (PreAP)
Spanish III
Spanish III (PreAP)
Spanish IV
Spanish IV (PreAP)
Spanish V (AP)
Ind. Study Spanish
Cultures of the Spanish-Speaking
World

Math

Applied Algebra I
Applied Algebra II
Algebra I
Algebra I (H)
Applied Geometry
Geometry
Geometry (H)
Intermediate Algebra
Algebra II
Algebra II (H)
Trig/PreCalc
Trig/PreCalc (H)
Statistics (AP)
Statistics (H)
College Algebra (H)
Concepts of Math (H)
Senior Math
Transitional Algebra
Calculus AB (AP)
Calculus BC (AP)
Computer Programming I
Computer Science Principles (AP)
Computer Science A (AP)

Music

Cadet Band
Varsity Band
Jazz Band
Orchestra
Cadet Flag Corp
Varsity Flag Corp
Women's Chorale
Master Chorale
Concert Choir
Music Theory I
Music Theory II

Physical Education

Physical Education
Weights
Advanced Weights
Unified PE
Personal Fitness
Health
Drivers Education

Project Lead the Way

Intro to Engineering Design

Principles of Engineering
Digital Electronics
Engineering Design & Development

Science

Biology I
Biology I (H)
Biology (AP)
Chemistry
Chemistry (H)
Chemistry (AP)
Physics
Physics I (AP)
Physics II (AP)
Physical Science
Animal/Horticulture Science
Environmental Science

Anatomy & Physiology (H)
Forensic Science
Medical Biology
HLTH 121 (H) Medical Terminology

Social Studies

World History I
World History II
World History III
World History (AP)
U.S. History
U.S. History Blended
U.S. History (AP)
Global Events
Sociology
Geography
Economics

Psychology (AP)
Civics
Modern U.S. History
Human Geography (AP)
PSY 110 (H) Intro to Psychology
SOC 110 (H) Intro to Sociology

Work-Based Learning

Health Occupations
EMS
EMS Fire Science
Welding
Construction

NCAA ELIGIBILITY & APPROVED CORE COURSES

It is important to know that if your student is planning to participate in Division I or II collegiate athletics, you will need to refer to the NCAA Eligibility Center website www.ncaaclearinghouse.net in order to verify that requirements have been met for their initial-eligibility standards. Currently, the courses listed below have been approved by the NCAA Clearinghouse and can be used for athletic eligibility as determined by the NCAA.

Generally, students will need to have at least 16 core courses from the following categories: English, Mathematics, Social Science, Natural/Physical Science, and Additional Core Courses (this includes Foreign Language). You can go to www.ncaa.org/courselist in order to verify the courses that have been approved. Dunlap High School's NCAA high school code is 141645.

Communication to your student's counselor is needed to ensure class selection aligns with NCAA eligibility requirements, although it is the student's responsibility to plan for NCAA eligibility. Dunlap High School does not make the eligibility determination nor determine the classes that will count toward the core requirement.

<u>English</u> Lang/Lit I Lang/Lit I (H) Lang/Am Lit II Lang/Am Lit II (H) Lit & Comp (AP) Lang & Comp (AP) Speech Speech II World Literature I World Literature II British Literature I British Literature II Journalism Creative Writing Composition I (H) / ENGL 110 (H) Composition II (H) / ENGL 11 (H) Media Persuasion	Human Geography (AP) PSY 110 (H) SOC 110 (H) <u>Mathematics</u> Applied Algebra I (.5 credit) Applied Algebra II (.5 credit) Algebra I Algebra I (H) Geometry Geometry (H) Algebra II Algebra II (H) Trig/PreCalc Trig/PreCalc (H) Statistics (AP) Statistics (H) College Algebra (H) Calculus AB (AP) Calculus BC (AP) Computer Science Principles (AP) Computer Science A (AP) <u>Additional Core Courses</u> French I, II, III (PreAP) French I, II, & III French IV (PreAP) French IV (AP) Spanish I, II, III, & IV	Spanish I, II, III & IV (PreAP) Spanish V (AP) <u>Natural/Physical Science</u> Biology I Biology I (H) Biology (AP) Chemistry Chemistry (H) Chemistry (AP) Physics Physics I (AP) Physics II (AP) Physical Science Environmental Science Anatomy & Phys (H) Forensic Science Medical Biology Scientific Research
<u>Social Sciences</u> World History I, II, & III World History (AP) U.S. History U.S. History (AP) Global Events Sociology Geography Economics Psychology (AP) Civics Modern U.S. History		<u>Courses Not Approved</u> Practical RW I, II, III, IV Film Studies Ind. Study Spanish Ind. Study French Applied Geometry Intermediate Algebra Senior Math Transitional Algebra Concepts of Math (H) Animal Science Horticulture Science

OUTSIDE COURSES FOR HIGH SCHOOL CREDIT

In limited circumstances courses not taken at Dunlap High School (i.e. summer school, night schools, correspondence courses, etc.) by a student currently enrolled will not be counted for graduation credit, unless approved in advance by the high school principal. Approval is generally given for courses which have been previously failed and for electives which are not offered at Dunlap High School. There may be additional cases (i.e., conflicts in scheduling) where approval may be given for courses taken outside of Dunlap High School, and these will be determined on a case by case basis. The student will be responsible for filling out the Dunlap High School Outside Course Approval form. All financial responsibilities including, but not limited to, transportation, course tuition,

fees, enrollment, application, and materials are placed upon the student seeking approval. Upon completion of the class, the student must provide their counselor with an official transcript from the approved institution.

*For additional Dual Credit courses taken outside of DHS, please see page 7.

COMMUNITY SERVICE CREDIT

Students may earn .50 elective credit each school year by completing 80 hours of certified community service work and appropriate paperwork between June-May. Pre-approval from the high school counselor is required in order to receive credit.. Please check with your counselor for additional community service details.

BLENDED CLASSES

Blended learning is a unique academic model that combines online learning and face-to-face support. It was developed due to educational institutions seeking new and innovative ways to customize learning to suit the needs of their students. Following five weeks of traditional instruction, the students would attend classes on assigned days. The remaining class work would be done online. Students need to be self-motivated and have regular attendance to be successful in this class environment. We currently offer 3 classes taught in this model - College Algebra (H) , Family Resource Management and Planning, and US History.

ILLINOIS GLOBAL SCHOLARS

Certificate Title: The Illinois Global Scholar Certificate

Certificate Description: In order to best prepare Illinois students for career and citizenship, they must learn to navigate and achieve in an increasingly competitive and globalized world. The Global Scholar Certificate responds to a growing body of research and data that suggest future careers will depend heavily upon the ability of students to work and collaborate in multiple cultural contexts. The Illinois Global Scholar Certificate awards merit, on the state transcript, to students who have attained global skills and knowledge through academic coursework, globally-focused service learning, global collaboration, and the successful completion of a capstone project. Students who pursue certification will:



- Engage in an intensive research experience that addresses a global issue, incorporates global dialogue, and encourages students to take action.
- Develop a crucial skill set leading to success across disciplines including but not limited to STEM, CTE, Art, Science, Social Studies, Agriculture, and Business.
- Foster a sense of global citizenship in an effort to prepare our students to engage with people around the world to solve problems.
- Understand world issues and concerns while building bridges across cultures.
- Strengthen intergroup relationships and honor the multiple cultures both domestically and abroad.
- Make larger connections about their coursework and the world around them.
- Develop a knowledge and skill set necessary to engage with the global marketplace here in Illinois and abroad.

The Illinois Global Scholar Certificate has 4 main requirements for students seeking certification. Requirements to earn Illinois Global Scholar Certification include:

1. Globally-focused Coursework. Students will complete a minimum of 8 courses that have been identified by the school district as

having a strong global focus. These courses are selected by individual school districts and can be drawn from across disciplines (i.e. Art, CTE, Business, Music, Communication, Sciences, Social Studies, English, World Languages, etc.).

2. Globally-focused Service Learning. Students will engage in at least one sustained, globally-focused service learning activity, program, or project that has been approved by the school district.

3. Global Collaboration or Dialogue. Students will collaborate with global peers through virtual or in person dialogue or collaborative projects.

4. Performance-based Capstone Assessment Task. Students will complete the Illinois Global Scholar Performance-based Assessment which requires students to investigate and take action to improve a global concern. The Performance-based Assessment Task will be part of the Humanities Capstone Course.

Certification Website: <https://global-illinois.org/>

Global Scholar course checklist: Each of these courses would qualify as one of the eight courses required for Illinois Global Scholar certification.		
English	Social Studies	World & Classical Languages
<input type="checkbox"/> World Literature I <input type="checkbox"/> World Literature II <input type="checkbox"/> AP Language & Composition	<input type="checkbox"/> World History I <input type="checkbox"/> World History II <input type="checkbox"/> World History III <input type="checkbox"/> AP World History <input type="checkbox"/> Global Events <input type="checkbox"/> Sociology <input type="checkbox"/> Geography <input type="checkbox"/> AP Human Geography <input type="checkbox"/> Economics <input type="checkbox"/> AP Psychology <input type="checkbox"/> Modern US History <input type="checkbox"/> Humanities Capstone	<input type="checkbox"/> French (all levels) <input type="checkbox"/> Spanish (all levels) <input type="checkbox"/> Cultures of the Spanish-Speaking World <input type="checkbox"/> Cultures of the French-Speaking World
Family & Consumer Sciences	Science	
<input type="checkbox"/> Culinary Occupations I	<input type="checkbox"/> Environmental Science <input type="checkbox"/> Medical Biology	

WORK BASED LEARNING – WBL

Work Based Learning (WBL) links secondary and postsecondary education, business and industry, labor and government to provide high school students with a wide range of career opportunities and experiences, leading to a smooth transition from school to the workforce. WBL experiences include paid and non-paid internships, occupational/technical labs, and related high school coursework. Many WBL programs also include additional career exploration activities such as job shadowing, speakers, field trips, and workshops. Both educators and business sponsors provide students with the employability and career related skills they need to be productive members of the workforce. WBL programs serve as a vital link between education and careers.

Both juniors and seniors are eligible to apply for WBL programs. Additional information can be found at www.perfectpeoria.com or in the high school counseling department. The deadline for applications may start as early as January 31st for the following school year's programs so check with your school counselor for deadline information.

WORK BASED LEARNING PROGRAMS

384 Construction Industry – The competency-based construction program exposes students to a variety of high-skill, high-wage construction industry careers. Students participate in specialized hands-on training, classroom instruction and internships at various locations, including apprenticeships schools and local construction job sites. Instruction includes a focus on safety and the skills necessary to succeed in various construction careers, from skilled trades to project management. Students can participate in this program for 1 year and will earn 1.5 elective high school credits per semester.

386 Health Occupations – Participants in this program will gain a knowledge-based understanding of a wide variety of health care careers through classroom instruction, lab activities, job shadowing, and clinical experiences. Upon successful completion, students will be eligible to sit for the State of Illinois Nursing Assistant exam and work as a CNA in any healthcare setting. This program is one semester in length. Students will earn 7.5 ICC credit hours and 1.5 elective high school credits upon completion.

DHS 382: HLTH 041 Basic Life Support CPR (.5 credit hour)
DHS 385: HLTH 112 Nursing Assistant Training (5 credit hours)
DHS 383: HLTH 116 Nursing Assistant Alzheimer (1 credit hour)
DHS 388: ICC 104 Intro to Health Careers (1 credit hour)

379 Emergency Medical Services— Students in this program will have the opportunity to become CPR certified personnel, licensed Emergency Medical Responders (EMRs), and licensed Emergency Medical Technicians (EMTs). Upon successful completion, students will earn credentials that can lead to employment after high school graduation and licensure, such as an EMT for an ambulance or fire/rescue agency, or as a patient care technician (PCT). They can also continue in the Emergency Medical Services program at ICC to become a Paramedic. This program is one year in length. Students will earn 10.5 ICC credit hours and 1.5 elective high school credits per semester.

DHS 382: HLTH 041 Basic Life Support CPR (.5 credit hour)
DHS 381: EMS 112 Emergency Medical Responder (EMR) (2 credit hours)
DHS 391: EMS 114 Emergency Medical Technician (EMT) (8 credit hours)

403 Emergency Medical Services and Fire Science — Students in this program will have the opportunity to become CPR certified personnel, licensed Emergency Medical Responders (EMRs), and licensed Emergency Medical Technicians (EMTs). They will also be introduced to the operations and services provided by today's fire service professional. Upon successful completion, students will earn credentials that can lead to employment after high school graduation and licensure, such as an EMT, and/or continued education in Fire Science Technology, Emergency Medical Services, or a related field. This program is one year in length. Students will earn 16.5 ICC credit hours and 1.5 elective high school credits per semester.

DHS 382: HLTH 041 Basic Life Support CPR (.5 credit hour)
DHS 381: EMS 112 Emergency Medical Responder (EMR) (2 credit hours)
DHS 392: FRSTK 110 Introduction to Fire Science (3 credit hours)
DHS 391: EMS 114 Emergency Medical Technician (EMT) (8 credit hours)
DHS 380: FRSTK 113 Fire Company Apparatus & Procedure (3 credit hours)

808 Production Welding - Students in this program will have the opportunity to earn a production welder certificate through Illinois Central College by learning gas metal arc welding processes, and to earn credits toward a welding operator certificate. Students will focus on the theory and practice associated with production welding in a manufacturing setting. They will also earn 10 of the 12 credits needed for the welding operator certificate, which prepares them for entry-level employment as a construction apprentice welder. This program is one year in length. Students will earn 10 ICC credit hours and 2 elective high school credits per semester.

*Students will be required to provide their own safety equipment and welding hood.

Production Welder Certificate:

DHS 800: WELD 111 Welding Blueprint Reading (3 credit hours)

DHS 801: WELD 113 Welding Theory - GMAW (1 credit hour)

DHS 802: WELD 131 Semi-automatic Arc Welding (1 credit hour)

DHS 803: WELD 135 Advanced Industrial Semi-automatic Arc Welding (GMAW) (1 credit hour)

DHS 804: WELD 150 Weld Certification Preparation And Testing (1 credit hour)

Welding Operator Certificate (in addition to the classes above):

DHS 805: WELD 112 Welding Theory - SMAW (1 credit hours)

DHS 806: WELD 121 Stick Welding (1 credit hour)

DHS 807: WELD 122 Stick Welding II (1 credit hour)

The remaining class is available for high school graduates to take on their own in the summer at ICC

WELD 161 Maintenance Welding (2 credit hours)

CAREER CLUSTERS

WHAT ARE CAREER CLUSTERS?

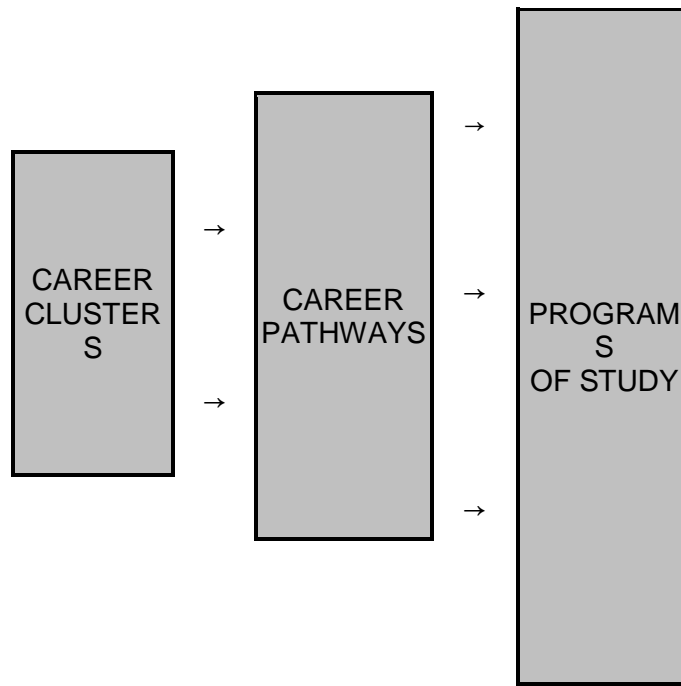
Career Clusters are groups of occupations and industries that have in common a set of foundational knowledge and skills. There are 16 nationally recognized clusters within which are multiple Career Pathways.

WHAT ARE CAREER PATHWAYS?

Career Pathways are multi-year programs of academic and technical study that prepare students for a full range of postsecondary options within each one of the 16 clusters. Currently, there are 81 nationally recognized pathways, each with specific pathway knowledge and skills. These pathways provide a context for exploring career options at all levels of education and a framework for linking learning to the skills and knowledge needed for future education and employment.

WHAT ARE PROGRAMS OF STUDY?

Programs of Study (POS) are sequences of courses that incorporate a non-duplicative progression of secondary and postsecondary elements which include both academic and Career and Technical Education (CTE) content. Effective Programs of Study should start no later than the ninth grade and continue through at least two years of postsecondary education. Programs of Study include opportunities to earn college credit (dual credit) in high school, an industry-recognized credential or certificate at the secondary/postsecondary level, and an associate or baccalaureate degree.



Dunlap High School Programs of Study includes the following:

- Accounting
- Agriculture Business Management
- Architectural Construction
- Child Development
- Computer Programming
- Culinary Arts
- Electronics
- Graphic Design
- Horticulture
- Office Specialist/Web Design
- Marketing

WHY DO WE NEED THE CAREER CLUSTERS FRAMEWORK?

Career Pathways, Career Clusters, and POS allow students to get more involved and perform better in school by combining rigorous academics with career education so that students have a clear path to their future. Students who understand the relevance of what they are learning and how it aligns with a pathway to their educational and occupational goals achieve great success in high school and beyond Career Clusters:

- Create clear educational pathways students can follow from secondary to postsecondary education to the workplace
- Create smooth transitions in the educational pipeline
- Empower students through information and experiences they need to make educational choices
- Help design individual plans of study
- Comprise a key element in enhancing economic development by connecting schools with business and industry.

WHO BENEFITS FROM CAREER PATHWAYS AND PROGRAMS OF STUDY?

- Students benefit as POS provide a link between education and careers. Pathways provide career guidance and a framework for students to plan their future. Students are more motivated when they can see the relevance of their education and are provided with smooth transitions to college and careers.
- Educators benefit as POS provide support to integrate academic and CTE curricula, partake in professional development, align with school reform, and receive administrative support. POS also connect educators with local business and industry to ensure that what students learn connects to careers.
- Employer benefit as POS provides the opportunity to partner with educators to prepare future employees by determining the necessary skills, certification, and current knowledge to succeed in the workforce.
- Communities benefit as POS provide an opportunity for business and industry to partner with education for local economic development and educational planning. Higher levels of educational attainment contribute to a healthier local economy.

HOW CAN CAREER CLUSTERS, CAREER PATHWAYS, AND PROGRAMS OF STUDY BE USED?

One use for Career Clusters, Career Pathways, and POS is as a tool for career exploration or career development. Introducing students to broad Career Clusters, and the numerous Career Pathways and occupations within, expands the list of career possibilities for all students to consider.

At the secondary and postsecondary levels, Career Pathways provide curriculum standards that meet business and industry requirements. Implementing these standards helps to ensure student attainment of a high level of academic and technical skills and a seamless transition from secondary to postsecondary education as well as a satisfying career.



The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.



Careers in designing, planning, managing, building and maintaining the built environment.



Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.



Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.



Planning, managing and providing education and training services, and related learning support services.



Planning, services for financial and investment planning, banking, insurance, and business financial management.



Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.



Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.



Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.



Preparing individuals for employment in career pathways that relate to families and human needs.



Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.



Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.



Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.



Planning, managing, and performing marketing activities to reach organizational objectives.



Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services



Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Xello is an internet-based career exploration and planning tool available to explore career and college options and develop a career plan. Go to your homescreen on your chromebook and click on the link, students will use their google accounts for access. Once logged in.....

AGRICULTURE

351 INTRODUCTION TO AGRICULTURE INDUSTRY

Length of Course: One semester (Offered on even numbered years—next offered 2020-2021)

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Introduction to Agriculture Industry provides an opportunity for students to learn how the agricultural industry is organized: its major components; the economic influence of agriculture at state, national, and international levels; and the scope and types of job

opportunities in the agricultural field. Both agri-business and production applications are presented. Leadership skills and abilities are developed through an orientation to the FFA, parliamentary procedure, judging, and public speaking. Basic mechanics including safety, tool identification and use, selecting lumber and fasteners, planning a woodworking project and the completion of a project, planning a woodworking project and the completion of a project. Microcomputer applications are introduced. In addition to technical skills, course content will reflect the integration of academic and workplace skills.

352 ANIMAL/HORTICULTURE SCIENCE

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: 1 credit of biological science and 1 credit of physical science

Offered To: Juniors, Seniors

Animal/Horticulture Science is a yearlong course with a combination of 2 agri-science classes, Animal Science and Horticulture Science. The class will be considered a laboratory class due to the components of the Horticulture class. Students will learn about the anatomy and physiology, behavior, reproduction, production and care of plants and animals. The class will focus on the agricultural aspect of animals and plants but will also investigate wild and companion animals as well as ornamental plants.

354 AGRI-BUSINESS MANAGEMENT

Length of Course: One semester (Offered on odd numbered years—next offered 2021-2022)

Credit Granted: One-half

Prerequisite: None

Offered To: All students

Agri-Business Management focuses on areas of advanced agricultural business procedures, establishment of agricultural businesses, managing agri-business, financing agri-business, marketing and advertising, and sales techniques and strategies. Product knowledge is stressed as it relates to the regional agricultural economic base. This course includes additional materials, which provide greater degrees of specialization in agri-business operations. Also included is record keeping skills including computer usage. Students will study farm accounting, agricultural taxes and law, depreciation schedules, insurance, and money management. In addition to technical skills, course content will reflect the integration of academic and workplace skills.

357 LANDSCAPING AND TURF MANAGEMENT

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors

Landscaping and Turf Management are two major areas of horticulture. Units of study include establishing, maintaining, and designing landscape plantings; establishing and maintaining turfgrass; managing horticultural businesses; merchandising, advertising and displaying horticultural products; and selling horticulture products and services. In addition to technical skills, course content will reflect the integration of academic and workplace skills.

ART

101 ART FOUNDATIONS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$30

Art Foundations is a fundamental course for anyone who is interested in Art. It is an introductory study of the visual arts with an emphasis on developing student awareness and appreciation of the art elements, principles, concepts, media and techniques

through the study of art production. Students will experience such media and techniques through the study of art production. Students will experience such media as pencil, ink, color pencil and acrylic paint.

102 3-D DESIGN

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of Art I with a grade of "C" or better.

Offered To: All Students

Course Fee: \$30

3-D Design allows students to experience the tools of 3-D Design for communication of clear and focused ideas based on planning, research and problem solving. Studio experience includes printmaking, ceramics, plaster, wire and wood.

103 PAINTING I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of Art I with a grade of "C" or better.

Offered To: All Students

Course Fee: \$30

Painting I is for students interested in working two dimensionally in acrylics, watercolor, & mixed media. Various techniques & painting surfaces will be explored; along with various art movements, artists & their techniques.

104 PAINTING II

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: Successful completion of Art I and Painting I

Offered to: Sophomores, Juniors, Seniors

Course Fee: \$30

Painting II is the further studying of acrylic paint and watercolor; they would be introduced to oil paints & gouache.

108 COMPUTER GRAPHICS IN PHOTOSHOP I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered to: Sophomore, Juniors, Seniors

Course Fee: \$15

Computer Graphics in Photoshop I is a course for students who are interested in learning to use the Adobe programs to create graphic images. Students will learn how to use Adobe Photoshop and Illustrator through instruction and tutorials. Students will work on a variety of design projects and creative projects including: business cards, logos, brochures, CD designs, posters and the Dunlap directory contest. Students will take home a digital portfolio of their work from the class.

106 COMPUTER GRAPHICS IN PHOTOSHOP II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Computer Graphics in Photoshop I

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15

In **Computer Graphics in Photoshop II** students will use the Adobe Photoshop program to create a variety of projects. The class will revolve around the technical use of the computer to explore design, layout and the applications of the Adobe programs. Students will create projects including: graphic illustrations, package design, photo editing, digital imaging, and special effects. Students will take home a digital portfolio of their work from the class.

111 CRAFTS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$30

Crafts I students are exposed to a wide variety of projects and materials. The projects vary from traditional media such as basket weaving, calligraphy, bookmaking and clay to more contemporary media such as mixed media, animation, tie dye, and jewelry/beading.

113 DRAWING I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of Art I with a grade of "C" or better.

Offered To: All Students

Course Fee: \$30

Drawing I students will experience the tools of drawing for communication of clear and focused ideas based on planning, research and problem solving. This course focuses on black and white media with an emphasis on expanding the shading techniques taught in Art 1 with creative projects. Studio experience will include weekly sketchbook exercises, ink, graphite, and charcoal.

114 DRAWING II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Art I and Drawing I

Offered to: Sophomores, Juniors, Seniors

Course Fee: \$30

Drawing II students will experience the tools of drawing for communication of clear and focused ideas based on planning, research and problem solving. Students will take their knowledge, skill and techniques from Drawing I and apply them to the use of color. Studio experience includes media such as colored pencil, oil pastel, chalk pastel, batik, ink, etc. Projects will include batik, still life drawing, landscape and portraiture, etc.

116 PHOTOGRAPHY I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$80

Photography introduces the student to the basics of black and white film photography. Students will learn how to use a 35mm camera to take creative photographs, develop film, make prints and mat photographs. Students will shoot a variety of Photo assignments throughout the semester including: Photographic composition, Action photography, Night photography, and Hand color-tinting. Student work will be displayed in a variety of Art Shows during the spring semester. Manual functioning 35 mm. film camera loaner cameras are available for use.

117 PHOTOGRAPHY II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of Photo I with a grade of "C" or better.

Offered To: Sophomore, Juniors, Seniors

Course Fee: \$80

Photography II is a course for students that have completed Photography I and want to pursue photography as an artistic medium. Students will have the opportunity to explore various creative photographic processes including: sepia toning, double-exposures,

panoramics, solarization, color-toning, creating negative images, and using texture screens. Student work will be displayed in a variety of Art Shows during the spring semester. Manual 35mm. film cameras are available for use.

120 DIGITAL PHOTOGRAPHY I

Length: One Semester

Credit Granted: One-half

Prerequisite: None

Offered to: Juniors, Seniors

Course Fee: \$65

This course will focus on the technical and photographic aspects of the digital image including the use of digital cameras, digital camera features, modes of operation, storage media, downloading images to the computer, enhancing images with editing software, printing, as well as new and emerging technology. Students will shoot a variety of photographic assignments and use Adobe Photoshop and Lightroom as photographic imaging tools. Photo assignments include: Digital close-ups, extreme camera angles, architecture, nature, panoramas, double exposures and selective colorization. Student work will be on display at the spring art shows. Canon Digital Rebel cameras will be available for students to use for the class. Loaner cameras are available for student use for class projects. Students will take home a portfolio of matted prints as well as a digital portfolio of their work.

121 DIGITAL PHOTOGRAPHY II

Length: One Semester

Credit Granted: One-half

Prerequisite: Digital Photography I

Offered to: Juniors, Seniors

Course Fee: \$65

Digital Photography II is a course for students that have completed Digital Photography I and want to pursue photography as a creative medium. Students will work with digital cameras using a variety of creative processes. Adobe Photoshop and Lightroom will be used for photo-editing and manipulation. Finished work will be matted and critiqued. Student work will be displayed in a variety of art shows during the spring semester. Canon Rebel digital cameras are available to use for loaner cameras.

122 DIGITAL MULTI-MEDIA

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered to: All Students

Course Fee: \$15

Digital Multi-Media will introduce students to the fundamentals of multimedia production through introductory instruction in digital photography and graphics manipulation. This course includes such topics as digital composition, color, imaging, scanning, editing and simple animation. Students will learn various techniques and related software, exploring functions such as cropping, compositing, colorizing and photo restoration. Also addressed are printing methods and practices, as well as the technological issues that accompany digital cameras, scanners and other equipment. Students will work in Photoshop, Illustrator, Lightroom and Corel Paint for image enhancement, manipulation and digital workflow and file conversion. At the end of the course, students will have created a variety of original projects for their digital portfolio.

107 INDEPENDENT STUDY IN ART

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Art Foundations and a minimum of four electives

Offered to: Seniors **with teacher approval**

Course Fee: \$30

Independent Study in Art is a course for students who have successfully completed all art classes with a passing grade. This class is meant to help you gain a more in-depth understanding of art, various media, artists and your role as an artist. By the end of your study, you will be able to put together a portfolio to submit to prospective colleges.

118 INDEPENDENT STUDY IN PHOTOGRAPHY

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Photography I and Photography II or Digital Photography I and Digital Photography II

Offered To: Seniors **with teacher approval**

Course Fee: \$80

Independent Study in Photography is for the serious photography student who has completed Photography I and Photography II or Digital Photography I and II. The student will study advanced black and white printing techniques and processes and/or Digital photographic techniques. Photographic concepts and development of individual projects will be stressed. The student will work on completion of their photography portfolio.

112 AP STUDIO ART: 2D DESIGN & DRAWING

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Art Foundations, Drawing I, Painting I

Offered To: Juniors, Seniors with teacher approval

Course Fee: \$50

AP Studio Art: 2D Design & Drawing is for students who plan to pursue Art beyond high school. Students will develop a portfolio of 2 dimensional work to be submitted in the spring. This portfolio would be comprised of work the student has done over the course of their high school classes. Students have three criteria that they would need to satisfy when choosing their work, quality, concentration (choosing a particular concern) and breadth.

109 VIDEO/MEDIA PRODUCTION

Length of Course: One year (May be repeated for elective credit)

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15

Video/Media Production is a year-long, blended course. Students will learn to film events including sports, school activities and community gatherings. Students will learn the basic functions of the camera. They will learn how to edit their film using Adobe Premier.

115 ART 110 (H) ART APPRECIATION (Online only Dual Credit)

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: ICC dual credit placement requirements

Offered To: Juniors, Seniors

Course Fee: Tuition for these courses is set by ICC and is subject to change

ART 110 (H) Art Appreciation is a survey of the visual arts, exploring the nature, language and history of art, in relation to cultural, humanistic, and aesthetic values. Lectures are reinforced by written assignments, presentations, gallery visits, critical evaluations of art, and introductory art experiences. This course is acceptable for Humanities credit in the area of Fine Arts. It is intended for general studies of non-majors.

Business/Tech Department Course Sequence

Some of these classes require an additional course fee of \$15.00 per semester.

Courses	Years Offered	Length in Semesters
Software Applications	9, 10, 11, 12	1
Accounting I	10, 11, 12	2
Accounting II	11, 12	2
Business Law	11, 12	1
Web Design I	10, 11, 12	1
Web Design II	10, 11, 12	1
Economics	11, 12	1
Marketing	10, 11, 12	1
Computer Networking/Maintenance I	10, 11, 12	2
Cooperative Education	11, 12	2
BUS 110 (H) Intro to Business	11, 12	1

BUSINESS/TECHNOLOGY

156 SOFTWARE APPLICATIONS

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: None

Offered to: All students

Software Applications is an orientation-level course designed to develop an understanding of application software. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. This course is a requirement for graduation, and is recommended to be taken Freshman or Sophomore year as it may be a prerequisite for other courses.

154 MARKETING

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Software Applications

Offered to: Sophomores, Juniors, Seniors

Marketing introduces students to the vocabulary and basic principles of marketing. This course offers students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content includes general marketing principles such as purchasing, distribution, and sales. A major emphasis is often placed on kinds of markets, market identification, product planning, packaging, pricing, and business management. Students will analyze and create marketing strategies. This course is recommended for students who would like to study business or want to gain a better understanding of marketing.

167 BUSINESS LAW

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors, Seniors

Business Law is an introductory course to the law and the American legal system. This course emphasizes legal concepts that are relevant to individuals, businesses, and business organizations. This course introduces law and the origins and necessity of the legal system, provides insight into the evolution and development of laws that govern business in our society, develops an understanding of how organization and operation of the legal system impact business, develops an understanding of rights and duties within the business environment, and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer-employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation.

Students will examine specific court cases. If possible, the class will interact with professionals in the legal field. This course is recommended for students who have an interest in studying business or law.

169 WEB DESIGN I (HTML5 and CSS)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Software Applications

Offered to: Sophomores, Juniors, Seniors

Course Fee: \$15

Web Design I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using the HTML web standards, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables, create forms, integrate images, and set styles using CSS3. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds.

170 WEB DESIGN II (Adobe Dreamweaver CS6)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Web Design I

Offered to: Sophomores, Juniors, Seniors

Course Fee: \$15

Web Design II is a skill-level course for students who have successfully completed Web Design I. Instruction will include using multimedia authoring applications and programming tools such as JavaScript to create a website that combines text, hyperlinks, images, video, and sound. Instruction will include using table and div elements to manipulate images and text; creating newspaper-style columns, and inserting navigations. Students will learn how to use templates, cascading style sheets and interactive elements to enhance web pages. Students will learn to create dynamic forms that include multiple-choice questions, comment boxes, and buttons. Students will learn how to connect to a database and retrieve data. Students are encouraged to develop a portfolio project that demonstrates their expertise in areas such as multimedia authoring, web development, audio and video editing, and advanced JavaScript applications to create interactive web pages. Students will also learn how to create mobile applications (Android-based) using the Adobe Dreamweaver software.

161 ACCOUNTING I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15.00

Accounting I is an introductory course that covers the principles of accounting necessary for preparing and understanding accounting information. The course emphasizes the language, rules, and theories of accounting. This course assists students pursuing a career in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. In addition to stressing basic fundamentals and terminology of accounting, instruction should provide initial

understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits may also be included.

165 ACCOUNTING II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Accounting I

Offered To: Juniors, Seniors

Course Fee: \$15

Accounting II is a course that builds upon the foundation established in Accounting I. This course is planned to help students to develop deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. It is a study of previously learned principles as they apply to the more complicated types of business organizations: partnerships, corporations, branches, etc. The students may become familiar with such specialized fields of accounting as cost accounting, tax accounting, payroll accounting, and others. Some students may choose to do specialized accounting computer applications, and others may elect payroll clerk, data processing computer applications. Simulated business conditions may be provided through the use of practice sets. Skills are developed in the entry, retrieval, and statistical analysis of business data using computers for accounting business applications.

157 COMPUTER NETWORKING/MAINTENANCE I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Approval of Technology Directors and Administration

Offered To: Sophomores, Juniors, Seniors

Computer Maintenance is a year-long course that will provide students with authentic opportunities to apply IT skills in an actual laboratory experience. This student-run help desk prepares students to provide first-line technical support to students, support staff, and teachers. Students are trained to listen, observe, and assess general end-user issues. The hands-on classroom environment gives students the opportunity to learn how to troubleshoot hardware, software, and network problems, as well as process service tickets and inventory stock. Students will work under the supervision of Information Systems Department Staff & a Dunlap High School teacher and will assist staff and students in the Dunlap Technology Support Center. Access to district technology hardware and software will be based on a trust relationship. When students are not troubleshooting or assisting others in the building, they will work independently in a structured environment to develop digital literacy skills by learning about the latest topics in technology. A two-day summer boot camp is a course requirement for first time enrollees. Dates will be announced prior to the end of the school year. This course may be repeated.

376 Cooperative Education Classroom

377 Cooperative Education Work

Length of Course: One year

Credit Granted: One and one-half per semester

Prerequisite: None

Offered To: Juniors, Seniors

Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and

technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

This course meets the requirement for consumer education instruction as required by the School Code of Illinois (Section 27-12.1.)

311 DEDICATE

Length of Course: One semester

Credit Granted: One-quarter

Prerequisite: Students must be on track to graduate on time and minimum 3.0 GPA

Offered To: Juniors, Seniors

Dedicate is an elective course for students who are interested in the field of education. Students would go out into the K-5 and middle school buildings, based on interest level, to support teachers and students as we move forward with our 1:1 initiative. Students would be paired up with a teacher in grades 4-8, to assist that teacher in the classroom for the full semester. Students would either begin or end their day at their assigned school. Responsibilities include but are not limited to:

- Assisting students with technical issues (apps, Chromebook, logins, etc.)

- Assisting students with content

- Assisting teacher in preparing classroom and lessons

Letter grades will not be issued for this course, rather students will receive a P for Pass or an F for Fail. This course may be repeated.

171 BUS 110 (H) INTRODUCTION TO BUSINESS (Online only Dual Credit)

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: ICC dual credit placement requirements

Offered To: Juniors, Seniors

Course Fee: Tuition for these courses is set by ICC and is subject to change

BUS 110 (H) Intro to Business covers the factual and informational survey of business designed to give the student a background for understanding the principles and practices governing the operation of modern business.

ENGLISH LANGUAGE ARTS

201 PRACTICAL READING AND WRITING I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Recommendation from Eighth Grade Teacher

Offered to: Freshmen

Practical Reading and Writing I is designed for the student who may struggle with language arts. Reading instruction emphasizes comprehension and the application of literary devices. The literature in this course includes a wide variety of texts including fiction, nonfiction, and reference materials. Writing instruction focuses on clear, organized communication and the use of standard spelling, grammar, punctuation, and capitalization.

206 LANGUAGE AND LITERATURE I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered to: Freshmen

Language and Literature I is designed for the student who is competent in language arts; this course presents a wide variety of literature, including poetry, short and long fiction, nonfiction, and reference materials. In addition to comprehension, evaluation, and application, students are provided strategies for the appreciation of literary elements. Writing instruction focuses on the organization, drafting, and revision of multi-paragraph essays with the use of standard format, citation of sources, and conventions.

238 LANGUAGE AND LITERATURE I (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered to: Freshmen

Language and Literature I (H) is designed for the student who is capable of accelerated and in-depth study of language arts; this course presents a wide variety of literature, including poetry, short and long fiction, nonfiction, and reference materials. In addition to comprehension, evaluation, and application, students are provided strategies for the appreciation of literary elements. Writing instruction focuses on the organization, drafting, and revision of multi-paragraph essays with the use of standard format, citation of sources, and conventions, and the development of voice and literary artistry. Challenging reading, extensive writing, and focused discussion are expected. Teacher referral recommended.

****Students enrolled in this course have summer work to be completed prior to the first day of school.***

211 PRACTICAL READING AND WRITING II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completion of freshman-level English course and teacher recommendation

Offered to: Sophomores

Practical Reading and Writing II is designed for the student who may struggle with language arts. This course presents strategies for comprehending, evaluating, and apply information from real-world sources, including, but not limited to newspaper and magazine articles, websites, printed reference materials, reports, and short fiction. Writing instruction focuses on clear, purposeful communication and the use of standard spelling, grammar, punctuation, and capitalization. Students will also be taught introductory skills in researching and reporting on topics pertaining to vocations or personal interests.

216 LANGUAGE AND AMERICAN LITERATURE II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading and Writing I, or Language and Literature I or I (H)

Offered to: Sophomores

Language and American Literature II is designed for the student who is competent in language arts; this course presents American literature of various genres from Native American beginnings to the present. Students will be introduced to famous and neglected voices including civil rights, women's and immigrant literature and relate the characteristics of these works to the historical contexts in which they were produced. Writing instruction will focus on interpretation and analysis of the literature, including a research paper with multiple source citations and works cited page.

239 LANGUAGE AND AMERICAN LITERATURE II (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of Language and Literature I or I (H)

Offered to: Sophomores

Language and American Literature II (H) is designed for the student who is capable of accelerated and in-depth study of language arts; this course presents American literature of various genres from Native American beginnings to the present. Students will be introduced to famous and neglected voices including civil rights, women's and immigrant literature and relate the characteristics of

these works to the historical contexts in which they were produced. Writing instruction will focus on interpretation and analysis of the literature, including a research paper with multiple source citations and works cited page. Challenging reading, extensive writing, and focused discussion is expected. Teacher referral recommended.

****Students enrolled in this course have summer work to be completed prior to the first day of school.***

221 PRACTICAL READING AND WRITING III

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading and Writing II or Language and American Literature II

Offered to: Juniors

Practical Reading and Writing III is designed for the student who may struggle in the language arts, this course presents strategies for comprehending, evaluating and applying information from real-world sources, including, but not limited to newspaper and magazine articles, websites, printed reference materials, reports and short fiction. Writing instruction focuses on the clear, purposeful communication and the use of standard spelling, grammar, punctuation, and capitalization. Students will use various media to learn how to gather, to understand, and to evaluate information for research-based writing.

227 LITERATURE AND COMPOSITION (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of Language and American Literature II or II (H)

Offered To: Juniors

Literature and Composition (AP) is designed for the exceptional student who is capable of accelerated and in-depth study of the language arts; this course presents World Literature drawn from multiple genres, time periods and cultures. Through the close analysis of World Literature, students will develop perceptive reading skills; acquire a fluent and precise writing style; and generate independent, thoughtful discussions. Designed to prepare students for the Advanced Placement Literature and Composition Examination in May, this course will also help students gain familiarity with the types of questions and expectations of the AP program. College credit may be granted through the college of the student's choice dependent on test scores. Challenging reading, extensive writing, and focused discussion is expected. Teacher referral recommended.

****Students enrolled in this course have summer work to be completed prior to the first day of school.***

217 CREATIVE WRITING

Length of Course: One semester

Credit Granted: One-Half

Prerequisite: Successful completion of Practical Reading and Writing II or Language and American Literature II or II (H)

Offered to: Juniors, Seniors

Creative Writing is designed for the student who is competent in the language arts. This course teaches students to analyze their own ideas as well as those of professional creative writers. Writing instruction focuses on the development of personal voice through fictional, non-fictional, lyric, and dramatic forms. This class is an elective for upperclassmen which includes some readings with mature themes.

218 FILM STUDIES

Length of Course: One semester

Credit Granted: One-Half

Prerequisite: Successful completion of Practical Reading and Writing II or Language and American Literature II or II (H)

Offered to: Sophomores, Juniors, Seniors

Film Studies is a class designed to teach analysis using the medium of film. Students are expected to have consistent classroom attendance and to write often. Each film, usually about eight for the class, is accompanied by an analytical essay about a specific aspect of the film. Students are also expected to be able to work with others in editing and revising drafts of essays and in discussion over the films viewed in class. Films are chosen for their cultural and cinematic value, most being referred to as classics, and are usually older (black and white) or foreign films.

222 PRACTICAL READING AND WRITING IV

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading & Writing III or another other junior English classes.

Offered To: Seniors

Practical Reading and Writing IV is designed for the student who may struggle with the language arts; this course concentrates on communicating effectively within academic environments, personal relationships, daily activities, and professional settings. In this course students will utilize and refine their reading, writing, listening, and speaking skills. Students will focus on logically developing ideas with appropriate evidence and clear language. Students will learn how to communicate effectively in different settings through problem solving, technological application, and interaction with people in various roles and work situations, all to help them become successful communicators in the world beyond high school.

237 BRITISH LITERATURE I

Length of Course: One semester

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading & Writing II, or Language & American Literature II

Offered To: Juniors, Seniors

British Literature is designed for the student who is competent or gifted in language arts. This course is a college preparatory course stressing the involvement of reading, interpreting and analyzing literature of the British Isles as well as thinking, language and writing skills. This course traces the development of British Literature from its origins to modern times. Selections read thematically relate to the period, but may have been published more recently. Supplementing the class work, students may be required to independently read novels selected from a list of approved British classics. A critical research project which meets all teacher criteria, may be required for successful completion of British Literature I.

235 BRITISH LITERATURE II

Length of Course: One semester

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading & Writing II, or Language & American Literature I

Offered to: Juniors. Seniors

British Literature II is designed for the student who is competent or gifted in language arts. This course is a college preparatory course stressing the improvement of reading, interpreting and analyzing literature of the British Isles as well as thinking, language and writing skills. This course continues tracing the development of British Literature, beginning with Shakespearean drama (potentially) to the modern era. Selections read thematically relate to the period, but may have been published more recently. Supplementing the class work, students may be required to independently read novels selected from a list of approved British classics. A critical research project which meets all teacher criteria, may be required for successful completion of British Literature II.

242 WORLD LITERATURE I

Length of Course: One semester

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading & Writing II, or Language & American Literature II

Offered To: Juniors, Seniors

World Literature I is designed for the student who is competent or gifted in language arts. This course is a college preparatory course stressing the enhancement of reading, interpreting and analyzing great literature from around the world as well as thinking,

language and writing skills. This course exposes students to a sampling of works that focus on events during or prior to the 20th century. This class is an elective for upper-classmen which includes some readings with mature themes.

**This course would qualify as one of the eight courses required for Illinois Global Scholar certification.*

234 WORLD LITERATURE II

Length of Course: One Semester

Credit Granted: One-half per semester

Prerequisite: Successful completion of Practical Reading & Writing II, or Language & American Literature II

Offered to: Juniors, Seniors

World Literature II is designed for the student who is competent or gifted in language arts. This course is a college preparatory course stressing the enhancement of reading, interpreting and analyzing great literature from around the world as well as thinking, language and writing skills. This course exposes students to a sampling of works that focus on current events (those that have taken place in the latter part of the 20th century and beyond). This class is an elective for upper-classmen which includes some readings with mature themes.

**This course would qualify as one of the eight courses required for Illinois Global Scholar certification.*

246 COMPOSITION I (H) (Dual Credit)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion and earning of three English credits, or Advanced Placement English Literature and Composition, & ICC dual credit placement requirements

Offered To: Seniors

Composition I (H) is a course that progresses the student from writing narrative and expressive compositions (expressing the ideas of the writer) to referential compositions (explaining or analyzing the subject matter for the reader) to persuasive compositions (persuading an audience), through critical reading, discussion, exercises, conferences, and revision. The majority of the writing is referential. Students meeting ICC entrance and tuition requirements may earn three hours of college credit through Illinois Central College.

Dual credit option with ICC is available and may be taken in class or online (ENGL 110).

****All students are required to purchase the textbook and those taking the course for dual credit will pay ICC tuition***

244 COMPOSITION II (H) (Dual Credit)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of Composition I (H) for dual credit or appropriate score on AP English Literature & Composition Exam

Offered to: Seniors - Offered only in spring semester

Composition II (H) is a course that progresses the student from writing analysis of and inquiring about issues to writing argumentative and persuasive compositions using research, critical reading, discussion, exercises, conferences, and revision. The majority of the writing is argumentative. Students meeting ICC entrance and tuition requirements may earn three hours of college credit through Illinois Central College.

Dual credit option with ICC is available and may be taken in class or online (ENGL 111).

****All students are required to purchase the textbook and those taking the course for dual credit will pay ICC tuition***

240 LANGUAGE AND COMPOSITION (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of English courses through junior year

Offered to: Seniors

Language and Composition (AP) is designed for the exceptional student who is capable of accelerated and in-depth study of the language arts; this course provides students with opportunities to write about a variety of subjects and to demonstrate an awareness of audience and purpose. Students will use mostly nonfiction sources to read for analysis of stylistic and rhetorical devices. Stylistic

development is nurtured by emphasizing a wide-ranging vocabulary, a variety of sentence structures, logical organization, and an effective use of rhetoric. Designed to prepare students for the Language and Composition (AP) Examination in May, this course will also help students gain familiarity with the types of questions and expectations of the AP program. College credit may be granted through the college of the student's choice dependent on test score. Challenging reading, extensive writing, and focused discussion are expected. Teacher referral recommended.

***Students enrolled in this course have summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

220 MEDIA PERSUASION

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: Senior standing (3 full English credits)

Offered to: Seniors

Media Persuasion is designed to help students understand multiple forms of media persuasion (for example: TED talks, commercials, ads...). By studying persuasion and the use of fallacies within different media platforms, students will begin to analyze and evaluate effective persuasion. Students will then take this knowledge and begin to create unique and audience specific media that effectively communicates and persuades the audience. Students who enroll in this course should NOT plan to also take Composition I (H), Composition II (H), or AP English Language and Composition.

243 JOURNALISM

Length of Course: One semester (May be repeated for elective credit)

Credit Granted: One-half

Prerequisite: Successful completion of Language and Literature II or II (H) or Practical Reading and Writing II

Offered to: Juniors, Seniors

Journalism I is designed for the student who is competent or gifted in the language arts in addition to English. This course develops skills in copywriting, interviewing, and layout for the publication of the school newspaper. Students will also examine the ethical and legal ramifications of journalistic writing.

247 SPEECH I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Speech I is required for every student. This course presents strategies for organizing, rehearsing, and performing oral presentations to a large group. Instruction includes evaluation and citation of valid research sources, strategies for reducing anxiety, and techniques for achieving maximum clarity and effectiveness.

248 SPEECH II

Length of Course: One semester

Credit Granted: One-half

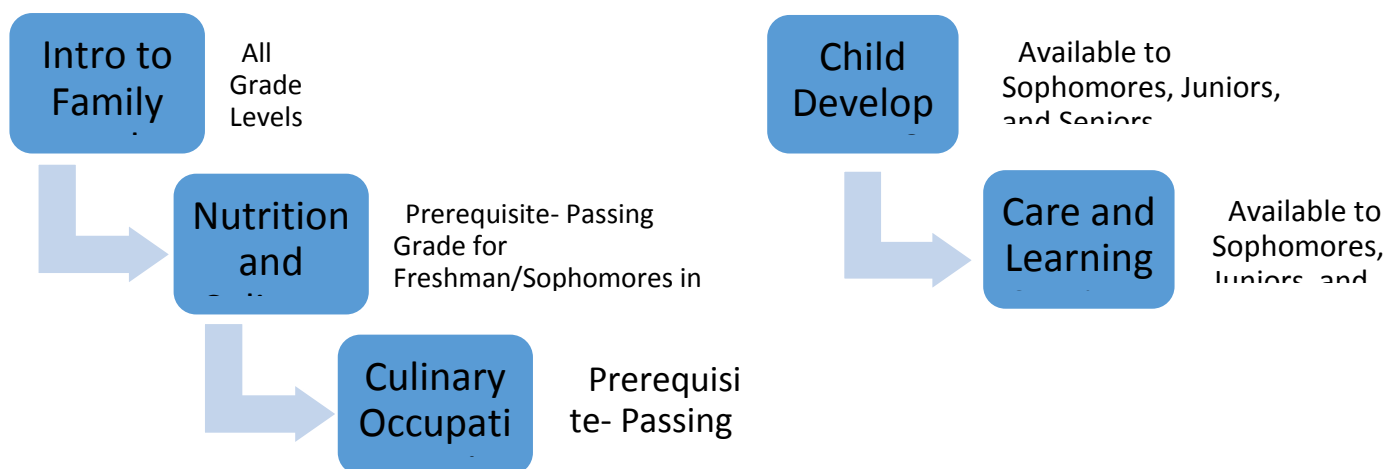
Prerequisite: Successful completion of Speech I

Offered To: Sophomores, Juniors, Seniors

Speech II is designed for students who desire opportunities to present speeches in a variety of contexts. Students who wish to compete on the Speech Team will be encouraged to enroll in this class. It includes units on speech theory, radio-television broadcasting, oral interpretation of literature, humorous and dramatic acting, oratory and extemporaneous (current events) speaking. Optional units would include discussion, debate and career speaking. The class heavily emphasizes student performance and preparation. It is recommended that students have completed Speech I with a B average or better.

Family and Consumer Sciences Department Course Sequence

****All courses EXCEPT for Family Resource Management & Planning requires an additional course fee of \$15.00****



Textiles & Design	Available to All Grade Levels
Interior Design: Residential	Available to All Grade Levels
Human Development	Available to Juniors and Seniors
Nutrition and	Available to All
Family Resource	Available to Juniors and

FAMILY AND CONSUMER SCIENCES

300 INTRODUCTION TO FAMILY AND CONSUMER SCIENCES CAREERS (FACS)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$15

Introduction to Family and Consumer Sciences Careers introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and lifelong learning; facility design, care, and management; and interpersonal relationships and life management skills.

303 TEXTILES and DESIGN I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Noneone

Offered To: All Students

Course Fee: \$15

Textiles and Design I is designed to provide basic knowledge and understanding of the design, development, and production of textile products. Through hands -on and project based learning experiences students will discover fiber characteristics, fabric construction methods, elements of science and design in textiles and apparel, and basic construction skills used in interior furnishings and apparel industries. This course emphasizes awareness and investigation of careers and industry trends in textiles.

308 INTERIOR DESIGN: RESIDENTIAL, COMMERCIAL, and PUBLIC SPACE

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$15

Interior Design: Residential, Commercial, and Public Space provides basic knowledge and skills needed to select, acquire, furnish, maintain, and manage residential and commercial environments to meet the needs of the users/occupants. The course includes the application of the interior design elements and principles; selection and care of furnishings, equipment and accessories in relation to socio-economic factors, trends, personal tastes and characteristics, as well as physical and psychological needs; safety, sanitation, and efficiency factors in interior design; and evaluating use and care of textiles. This project based course investigates a variety of related career opportunities, including entrepreneurship. Emphasis is placed on the application of project management skills.

312 NUTRITION and WELLNESS OCCUPATIONS

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: None

Offered To: All students

Course Fee: \$15

Nutrition and Wellness Occupations will concentrate on expanding students knowledge and experiences with nutrition concepts, food science, and healthy lifestyles. Nutritional analysis, nutrient functions, food allergies, diet and disease, menu analysis, energy and wellness, meal planning & management, nutritional needs across the lifespan, impacts of science and technology on nutrition and wellness issues, and food safety and sanitation management are topics covered in this course through theory, projects, and laboratory experiences. Students will gain experience in preparing a variety of communications to teach the importance of nutrition and wellness. **Additional topics: one day per month tour/internship for students (for practical experience); basic food preparation principles, use and care of equipment and appliances and consumer influence in the marketplace. Students will also explore careers and employment in the food and nutrition field; work with PE teachers for wellness tips; goal of this course is to promote overall, lifelong nutrition and wellness to students.

301 NUTRITION and CULINARY ARTS I (FOODS I)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Introduction to Family and Consumer Science Careers for Freshmen or Sophomores required

No Prerequisite for Juniors or Seniors

Offered To: All Students

Course Fee: \$15

Nutrition and Culinary Arts I includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning /preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

302 CULINARY OCCUPATIONS I (FOODS II)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Nutrition & Culinary Arts I

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15

Culinary Occupations I provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will develop skills to work in the front of the house, back of the house, and workstations. Additional content may include: event planning, customer service and relations, food service styles, selection, purchase, preparation, and conservation of food; regional & international cuisine, advanced preparation techniques, the importance of food appearance and presentation, baking and pastry arts, hors d'oeuvres, and breakfast cookery. Students will also explore careers and employment in the food and nutrition field, as well as be provided opportunity training experiences on commercial equipment.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

304 CHILD DEVELOPMENT and PARENTING I (PARENTING I)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15

Child Development and Parenting addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio.

313 CARE and LEARNING SERVICES OCCUPATIONS II (PARENTING II)

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: Child Development and Parenting with passing grade

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15

Care and Learning Services Occupations provides students with information and practical experiences needed for the development of competencies related to child /adult care, day care, and other education services occupations. Laboratory experiences, either in a school -based or worksite learning facility, are included throughout the class. Students meet standards in developing programs and assisting with children's and /or adult's activities. Classroom study includes the philosophy and management of care centers and the state and local regulations governing care-giving operations. The learning experiences will involve working with children /adults simulating those found in business and industry, as well as preparation for developing and facilitating these activities. This would encompass the nursery school/daycare portion.

306 HUMAN DEVELOPMENT and FAMILY WELLNESS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors, Seniors

Human Development and Family Wellness focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles, and practices; life cycle expectations and issues, including biological, physiological, social, and psychological needs and concerns of aging adults; community services, agencies, and resources; roles, responsibilities, and functions of families, family members and caregivers; family issues, including ethics, human worth and dignity, change, stress, neglect and abuse, and care of the care-giver; individual and family wellness planning; and fostering intergenerational relationships. Practical experiences related to these topics are included through a variety of activities such as volunteer experiences, service learning, and intergenerational event planning opportunities. Information on a variety of human and family services careers is incorporated throughout the course.

Dedicate is moving to the Business Department course descriptions section

310 FAMILY RESOURCE MANAGEMENT and PLANNING

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors (preference given to Juniors and Seniors)

This class can be taken as a blended class. The prerequisite for the blended class is a 2.75 cumulative GPA. See Pg. 3 for more information.

Family Resource Management and Planning focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of project-based experiences and service learning opportunities to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision making; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking; and current issues in the economy.

This course meets the requirement for consumer education instruction as required by the School Code of Illinois (Section 27-12.1.)

FINE ARTS/MEDIA

249 THEATRE

Length of Course: One year

Credit Granted: One-half per semester as a Fine Arts

Credit

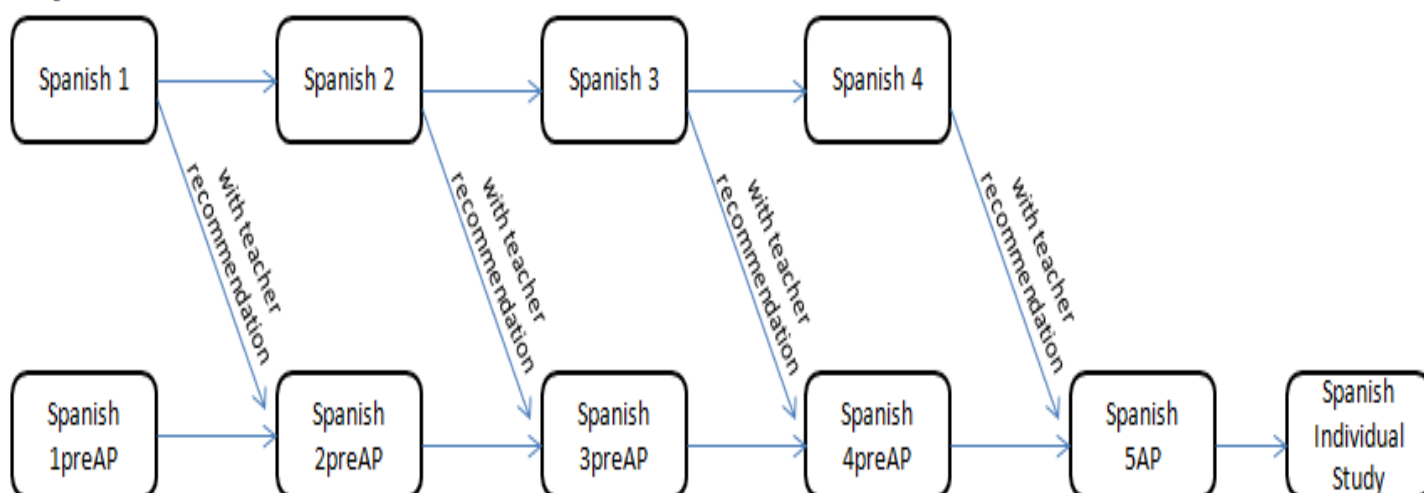
Prerequisite: None

Offered To: All Students

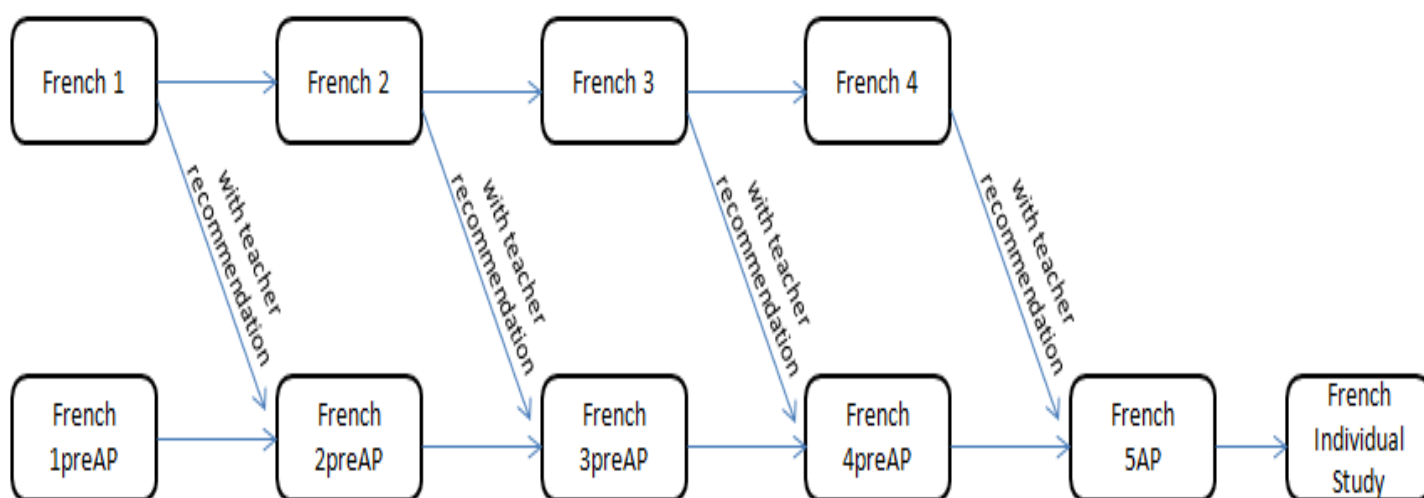
Theatre is a performance-oriented class in which students will be expected to assist with the fall play and spring musical. The course includes units on acting, stage movement, types of theatre, and play organization. There is a special emphasis on acting.

Foreign Language Course Sequence

Spanish classes



French classes



FOREIGN LANGUAGES

251 FRENCH I

Length of Course: One year

Prerequisite: None

Offered To: All Students

French I is a basic course emphasizing the development of oral and written skills. These include pronunciation, speech patterns, basic vocabulary and grammar, and comprehension of both the spoken and written language. Appreciation of French culture is also taught.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

Credit Granted: One-half per semester

252 FRENCH I (PRE-AP)

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: None

Offered to: All Students

French I Pre-AP is a faster-paced, more in depth introductory French course that focuses on acquiring and mastering skills to be used throughout the AP French program. Students will develop proficiency in the areas of reading, writing, speaking, and listening to French through daily assignments, independent work, frequent projects, and daily communication in the language.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

256 FRENCH II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: French I

Offered To: Sophomores, Juniors, and Seniors (Freshmen with Counselor and Teacher approval)

French II is a continuation of French I with increased emphasis on grammar and vocabulary for use in conversation and written work. More French culture is also presented.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

257 FRENCH II (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: A "B+" average or higher in French 1 PreAP and/or teacher recommendation

Offered To: Sophomores, Juniors, Seniors (Freshmen with Counselor and Teacher approval)

French 2 PreAP is an honors-level course that further develops upon topics studied in French 1 PreAP. Students will be more fully immersed in the French language and will be expected to complete rigorous coursework in reading, writing, listening, and speaking, as well as immersive cultural assignments, such as the Market Day project.

***Students enrolled in this course have optional summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

261 FRENCH III

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: French I and II

Offered To: Juniors, Seniors (Sophomores with Counselor and Teacher Approval)

French III begins with a review of the work of the previous two years. The study of grammar is more advanced, the students' vocabulary is expanded, readings from literature are begun, and French culture is studied and discussed in more detail. There is also practice to improve fluency.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

262 FRENCH III (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: A "B+" average or higher in French 2 PreAP and/or teacher recommendation

Offered To: Sophomores, Juniors, Seniors (Freshmen with Counselor and Teacher approval)

French 3 PreAP is an honors-level course that further develops upon topics studied in French 1 & 2 PreAP. Students will be more fully immersed in the French language and will be expected to complete rigorous coursework in reading, writing, listening, and speaking, as well as interpret classic literature such as the fables of Jean de la Fontaine, fairy tales of Charles Perrault, and the classic French play Cyrano de Bergerac. Students will complete comprehensive projects all in French such as planning a vacation, creating a newscast, and writing their own stories based on francophone literature.

***Students enrolled in this course have optional summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

266 FRENCH IV (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: A "B+" average or higher in French 3 PreAP and/or teacher recommendation

Offered To: Sophomores, Juniors, Seniors (Freshmen with Counselor and Teacher approval)

French IV PreAP is an honors-level course that further develops upon topics studied in French 3 PreAP. Students will be more fully immersed in the French language and will be expected to complete rigorous coursework in reading, writing, listening, and speaking, as well as interpret classic literature such as *Le Petit Prince*, poetry by many canonic authors, and modern novels. Students will complete comprehensive projects all in French as well as tests designed with similar tasks to AP exams.

***Students enrolled in this course have optional summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

267 FRENCH IV AP

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: French I, II, and III

Offered To: Seniors (Juniors with Counselor and Teacher approval)

French IV AP emphasis is placed on acquiring fluency in using native expressions in speaking and writing. More complex structure in written French is included. Course includes the study of French literature, the use of French during all discussions, more technical grammar, and oral presentations in French.

***Students enrolled in this course have required summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

268 FRENCH V

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: French I, French II, French III and French IV AP or teacher/counselor recommendation based upon previous experience or placement test.

Offered To: Seniors (Juniors with Administrative and teacher approval.)

The **French V** class is designed as a semi-independent study for one or a small group of students; topics are based upon student interests and include review of all grammar concepts as well as French literature, history, and various aspects of francophone culture. It is a research and project-based class that includes frequent oral presentations and written assignments.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

269 INDEPENDENT STUDY IN FRENCH

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of all other available French courses & mandatory teacher interview

Offered to: Seniors

Independent Study in French is a high-level, advanced language study for students who have completed all available courses or who speak French as a first or second language. This study is designed around the needs and motivation of the student, in collaboration with the language teacher. This study will require work both at school and at home and will be mostly project and research-based. Topics and the format of the study will be determined by the teacher and the student after the formal interview.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

254 CULTURES OF THE FRENCH-SPEAKING WORLD

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Cultures of the French-Speaking World is a semester-long course focusing on the “Global Challenges” AP theme that takes students through basic cultural competency as well as current cultural challenges in the world’s French-speaking countries. The course would be available for any student, despite their level of French, and would be mainly taught in English with a target language component for each unit focusing on the vocabulary & phrases needed to communicate with speakers from that country on their specific challenges. Due to selective use of the target language, this course would count as elective credit rather than foreign language credit.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

271 SPANISH I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: All Students

Spanish I is a basic course with the emphasis placed upon conversation, pronunciation, reading and writing. Elementary grammar and basic vocabulary are presented. The culture of the Spanish speaking world is included.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

272 SPANISH I (PRE-AP)

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: None

Offered to: All Students

Spanish Pre-AP is a faster-paced, more in depth introductory Spanish course that focuses on acquiring and mastering skills to be used throughout the AP Spanish program. Students will develop proficiency in the areas of reading, writing, speaking and listening to Spanish through daily assignments, independent work, frequent projects, and daily communication in the language.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

276 SPANISH II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I

Offered To: Sophomores, Juniors, Seniors (Freshmen with Counselor and Teacher approval)

Spanish II is a continuation of Spanish I. More advanced grammar and vocabulary are presented. Conversation and pronunciation are stressed to a greater degree. Culture lessons continue to be presented.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

275 SPANISH II (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: A “B+” in Spanish I or teacher approval

Offered to: All Students

Spanish II (Pre-AP) is a continuation of Spanish I. More advanced grammar and vocabulary are presented. Conversation and pronunciation are stressed to a greater degree. Culture lessons continued to be presented. AP track Spanish II will include more vocabulary, conversation, reading and writing, and will include continued foundation building of skills needs for the AP exam. A larger percentage of the class will be conducted in Spanish.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

281 SPANISH III

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I and II

Offered To: Juniors, Seniors (Sophomores with Counselor and Teacher approval)

Spanish III includes a review of the basic skills learned in the first two years. The grammar is more advanced and the vocabulary is expanded. Approximately 40% of the class time is devoted to reading and discussing Spanish literature. The study of Spanish culture is more in-depth and practice to improve fluency is provided.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

277 SPANISH III (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: A minimum grade of "B+" in previous Spanish course or teacher recommendation

Offered to: Sophomores, Juniors, Seniors

Spanish III (Pre-AP) includes a review of the basic skills learned in the first two years. The grammar is more advanced and the vocabulary is expanded. Approximately 40% of the class time is devoted to reading and discussing Spanish literature. The study of Spanish culture is more in-depth and practice to improve fluency is provided. AP track Spanish III will include more vocabulary, conversation, reading and writing, and will include direct preparation for the AP exam. A larger percentage of the class will be conducted in Spanish.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

286 SPANISH IV

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I, II, and III

Offered To: Seniors (Juniors with Counselor and Teacher approval)

Spanish IV is a continuation of Spanish III; combining grammar review, literature, and culture. An emphasis is placed upon improving fluency.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

287 SPANISH IV (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completion of Spanish III Pre-AP or teacher recommendation

Offered To: Juniors, Seniors

Spanish IV (PRE-AP) includes developing the student's ability to speak and understand Spanish at a level that would permit them to use their skills in a Spanish speaking country. This course is a continuation of previous Spanish courses, with an emphasis placed on fluency.

***Students enrolled in this course have required summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

288 SPANISH V (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completion of Spanish IV Pre-AP or teacher recommendation

Offered to: Seniors

Spanish V (AP) is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. The study of grammar, vocabulary, speaking, listening, and writing practices will be geared towards the AP exam.

***Students enrolled in this course have required summer work to be completed prior to the first day of school.**

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

280 INDEPENDENT STUDY IN SPANISH

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of all other available Spanish courses & mandatory teacher interview

Offered to: Seniors

Independent Study in Spanish is a high-level, advanced language study for students who have completed all available courses or who speak Spanish as a first or second language. This study is designed around the needs and motivation of the student, in collaboration with the language teacher. This study will require work both at school and at home and will be mostly project and research-based. Topics and the format of the study will be determined by the teacher and the student after the formal interview.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

274 CULTURES OF THE SPANISH-SPEAKING WORLD

Length of Course: One semester

Credit Granted: One-half

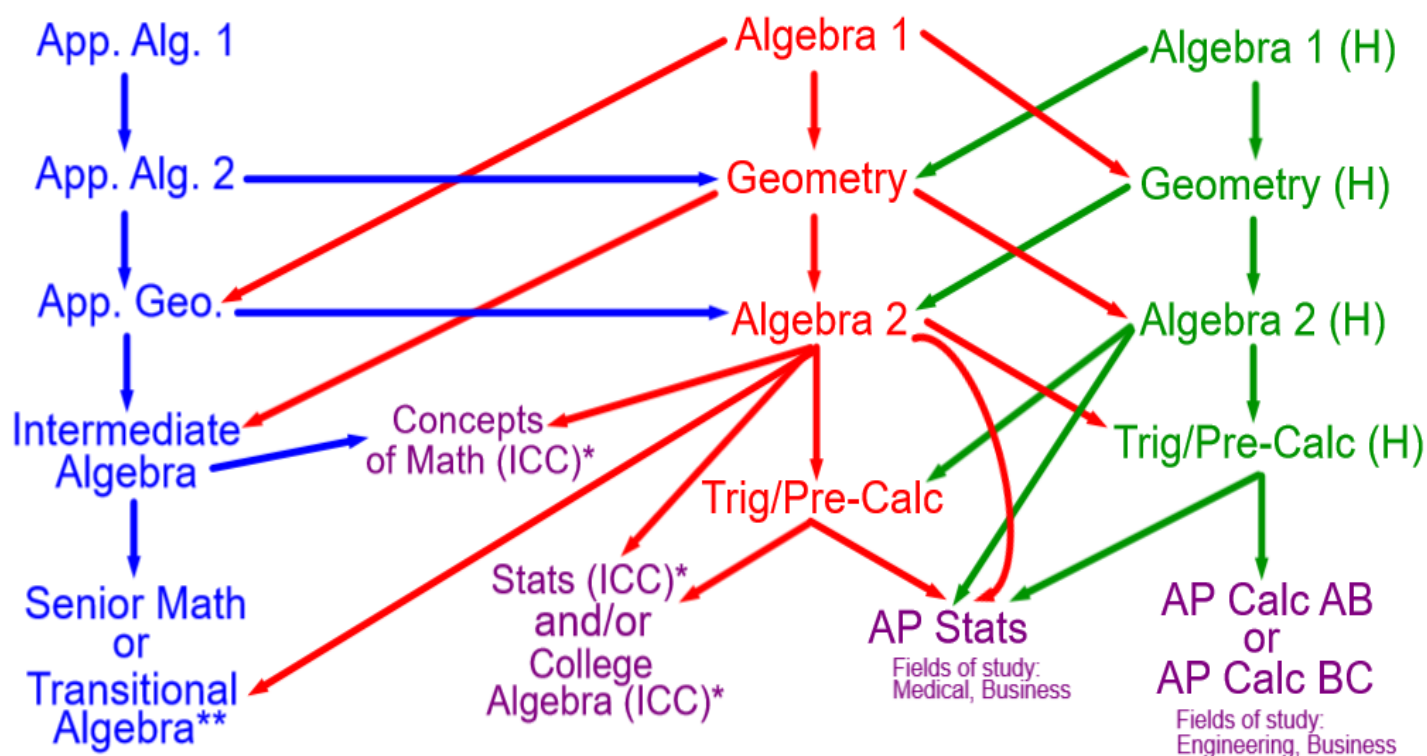
Prerequisite: None

Offered To: All Students

Cultures of the Spanish-Speaking World is a semester-long course focusing on the “Global Challenges” AP theme that takes students through basic cultural competency as well as current cultural challenges in the world’s Spanish-speaking countries. The course would be available for any student, despite their level of Spanish, and would be mainly taught in English with a target language component for each unit focusing on the vocabulary & phrases needed to communicate with speakers from that country on their specific challenges. Due to selective use of the target language, this course would count as elective credit rather than foreign language credit.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

Math Department Course Sequence



** Class is designed to place student into an ICC math course as a freshman in college.

* ICC has certain requirements which must be met for these classes. See your counselor for more information.

MATHEMATICS

401 APPLIED ALGEBRA I

Length of Course: One year

Prerequisite: None

Offered to: Freshmen

Credit Granted: One-half per semester

In **Applied Algebra I** various methods will be utilized to instruct the Algebra I curriculum. Reinforcement of real life math skills is included. Algebraic topics introduced include solving equations, simplifying expressions, and the study of real numbers. Upon completion of this course, Applied Algebra II is recommended to complete the sequence. This course alone may not qualify as a college prep unit as determined by an individual college/university.

406 APPLIED ALGEBRA II

Length of Course: One year

Prerequisite: Applied Algebra I

Offered to: Sophomores

Credit Granted: One-half per semester

In **Applied Algebra II** various methods will be utilized to instruct the second half of the Algebra I curriculum. Reinforcement of real life math skills is included. Algebraic topics introduced include solving nonlinear equations, simplifying non-linear expressions, and the study of real numbers. This course alone may not qualify as a college prep unit as determined by an individual college/university.

411 ALGEBRA I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Freshmen

Algebra I includes reinforcement of perimeters, areas, volumes, and percent. Algebra I deals with equations with one and two unknowns, formulas, polynomials, factoring, different types of graphs, linear coordinates in graphing, graphing linear equations, algebraic fractions, radicals, quadratic equations, and algebraic problem solving.

416 ALGEBRA I (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Freshmen

Algebra I (H) is an introduction to the more advanced mathematics courses and is intended for those students planning to major in a field requiring more than one semester of college math, chemistry, or physics. Algebra I (H) deals with equations with one or two unknowns, formulas, factoring, graphing linear equations, algebraic fractions, radicals, quadratic equations, polynomials, and problem solving.

425 APPLIED GEOMETRY

Length of Course: One Year

Credit granted: One-half per semester

Prerequisite: Applied Algebra I and Applied Algebra II; or Algebra I

Offered to: Sophomores, Juniors, Seniors

Applied Geometry is for the student who has successfully completed Algebra I or its equivalent, but not planning to immediately attend a four-year college. Basic geometry topics including triangles, parallel and perpendicular lines, circles, points, lines and planes will be covered.

426 GEOMETRY

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Algebra I or Algebra I (H)

Offered To: Sophomores, Juniors, Seniors

Geometry provides a secure foundation in the essential concepts of geometry including points, lines, planes, polygons, triangles, quadrilaterals, circles, and a review of area and volume. Practical application, logical reasoning, and orderly arrangement are stressed throughout the course.

431 GEOMETRY (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Algebra I or Algebra I (H)

Offered To: All students

Geometry (H) provides a secure foundation in the essential concepts of geometry including points, lines, planes, polygons, triangles, quadrilaterals, circles, and a review of area and volume. Practical application, logical reasoning, and orderly arrangement are stressed throughout the course. **Geometry (H)** is intended for those students planning to major in a field requiring more than one semester of college math, chemistry, or physics. Topics similar to those in geometry are covered at an accelerated rate and in more depth.

402 INTERMEDIATE ALGEBRA

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Applied Geometry or Geometry

Offered to: Juniors, Seniors

Intermediate Algebra is for the student who has successfully completed Geometry or Applied Geometry, but is not planning to immediately attend a four year college. Topics addressed include: expressions and functions, systems of equations, linear & quadratic equations, matrices, geometry review, basic trigonometry with real world applications.

421 ALGEBRA II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Algebra I or Algebra I (H), and concurrent enrollment in or completion of Geometry or Geometry (H)

Offered To: Sophomores, Juniors, Seniors

Algebra II deals with quadratic equations with one and two unknowns. Other topics include logarithms, factoring, sequences and series, conic and natural application of problems. It is recommended that only students who received a letter grade of "A" or "B" in Algebra II and teacher recommendation take Trig/Pre-Calc (H).

423 ALGEBRA II (H)

Length of Course: One year

Credit granted: One-half per semester

Prerequisite: Algebra I or Algebra I (H), and concurrent enrollment in or completion of Geometry or Geometry (H)

Offered To: Sophomores, Juniors, Seniors

Algebra II (H) is intended for students planning to major in a field requiring one or more semesters of college math, physics, and chemistry. Topics similar to those in Algebra II are covered at an accelerated rate and in some cases, more depth.

435 TRIG/PRE-CALC

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Geometry or Geometry (H) and Algebra II or Algebra II (H)

Offered to: Juniors, Seniors

Trig/Pre-Calc is a course designed as one that will give the student preparation for college, and/or high school Statistics. This course will include topics in trigonometry including graphing, identities, circular functions and solutions of triangles; and introductory Calculus and Statistics topics. Upon successful completion of this course a student may elect to take Statistics (H) or Statistics (AP).

436 TRIG/PRE-CALC (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Geometry or Geometry (H) and Algebra II or Algebra II (H). It is recommended that only students receiving a grade of "A" or "B" in Algebra II and a teacher recommendation take Trig/Pre-Calc (H).

Offered To: Sophomores, Juniors, Seniors

Trig/Pre-Cal (H) is a course designed as one that will give the student a thorough preparation for college and/or high school Calculus (AP) and Statistics (AP). This course will include in-depth topics in trigonometry including graphing, identities, circular functions and solutions of triangles; introductory Calculus topics. Upon successful completion of this course a student may elect to take Calculus AB (AP), Calculus BC (AP) or Statistics (AP).

447 STATISTICS (AP)

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: Algebra II (H) or Algebra II with teacher recommendation.

Offered to: Juniors, Seniors

Statistics (AP) is a course designed as one that will give the student a thorough preparation for college who intend to major in a math related field. It will involve an in-depth study of patterns and exploration of data, normal distribution, bivariate data, transformations, sampling and experimentation, probability, discrete analysis, margins of error, Chi-square test, and least square regression line.

453 CONCEPTS OF MATH (H) (Dual Credit)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Algebra II or Algebra II (H) and ICC dual credit placement requirements

Offered To: Juniors, Seniors

Concepts of Math (H) is for the college bound student who does not intend to major in a math related field. It will focus on mathematical reasoning and real-life problem solving. Topics include finance, set theory, elementary logic and geometry.

Dual credit option with ICC is available (Math 110).

****All students are required to purchase the textbook and those taking the course for dual credit will pay ICC tuition***

446 GEN. ED. STATISTICS (H) (Dual Credit)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Algebra II or Algebra II (H) and ICC dual credit placement requirements

Offered To: Juniors, Seniors

Gen. Ed. Statistics (H) is for the college bound student who does not intend to major in a math related field. It will focus on student of frequency distributions, graphs, measures of central tendency, normal distribution and correlation.

Dual credit option with ICC is available (Math 111).

****All students are required to purchase the textbook and those taking the course for dual credit will pay ICC tuition***

417 SENIOR MATH

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: ACT Math score less than or equal to a 21 or SAT Math score less than or equal to a 500 with teacher recommendation

Offered to: Seniors

Senior Math is designed for students who have not mastered a large variety of mathematics concepts in a traditional setting. This course will allow students to focus on the skills and concepts of mathematics they have not mastered. The subject material will vary from Algebra concepts to Algebra II concepts based on the learning gaps of the student. The goal of this course is to prepare senior students for Concepts of Math second semester and/or college placement exams.

418 COLLEGE ALGEBRA (H) (Dual Credit)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Algebra II or Algebra II (H) and ICC dual credit placement requirements

Offered to: Juniors, Seniors

This class can be taken as a blended class. See Page 3 for more information.

College Algebra (H) is for the college bound student planning to major in any computer/business area. Topics addressed include: functions and their graphs, systems of equations, equation theory, sequences and series, and integrated applications.

Dual Credit option with ICC is available (Math 115).

****All students are required to purchase the textbook and those taking the course for dual credit will pay ICC tuition***

469 CALCULUS AB (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Trig/Pre-Calc (H)

Offered to: Juniors, Seniors

Calculus AB (AP) is a college-level calculus course designed for the student with a high ability in mathematics. The course follows a syllabus approved by the College Board and enables a student to test out of one semester of college calculus. The topics in this course include functions, graphs, and limits; derivatives and their applications; the integral and its applications; and transcendental functions. Multiple representations of concepts will be investigated: graphical, analytical, numerical, and verbal. An approved graphing calculator will be required for this course. A considerable part of the course will be dedicated to preparing for the AP Exam.

468 CALCULUS BC (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Trig/Pre-Calc (H)

Offered to: Juniors, Seniors

CALCULUS BC (AP) is a full year course in the calculus of functions of a single variable and is designed to be taught over a full high school academic year. Calculus BC includes all topics taught in Calculus I & II AB plus additional topics including differential equations, multiple techniques of integration, applications of integral calculus, parametric equations and polar coordinates, and infinite sequences and series. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus (AB).

***Students enrolled in this course have summer work to be completed prior to the first day of school.**

410 TRANSITIONAL ALGEBRA

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Concurrent enrollment in or completion of Algebra II or Intermediate Algebra

Offered to: Seniors

Transitional Algebra is a course where students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts, including authentic situations. Throughout the course, college success content will be integrated with mathematical topics, such as numeracy, proportional reasoning, algebraic reasoning and polynomial, rational, radical and exponential functions. This class is articulated with one of Illinois Central College transitional math courses and ensures placement into college credit bearing math courses if the student were to attend ICC upon graduation from high school.

455 COMPUTER PROGRAMMING I

Length of Course: One semester

Credit Granted: One-half per semester

Prerequisite: Must have successfully passed Software Applications, Algebra, and currently enrolled in Geometry or Algebra II.

Student may also be enrolled with instructor's permission.

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$15

Computer Programming in Java, is a one-semester course in programming. The principal course objective is to develop student skills in the basics of logic, problems analysis, conversion of solutions to code language. In addition to technical skills, course content will reflect the integration of academic and workplace skills. Students will develop the concepts of programming to generate and end product. This course will count for elective credit, not math credit.

168 COMPUTER SCIENCE PRINCIPLES (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Successful completion of Algebra I or Algebra I (H)

Offered To: All Students

Computer Science Principles (AP) offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

459 COMPUTER SCIENCE A (AP)

Length of Course: One year

Credit Granted: One-half per semester

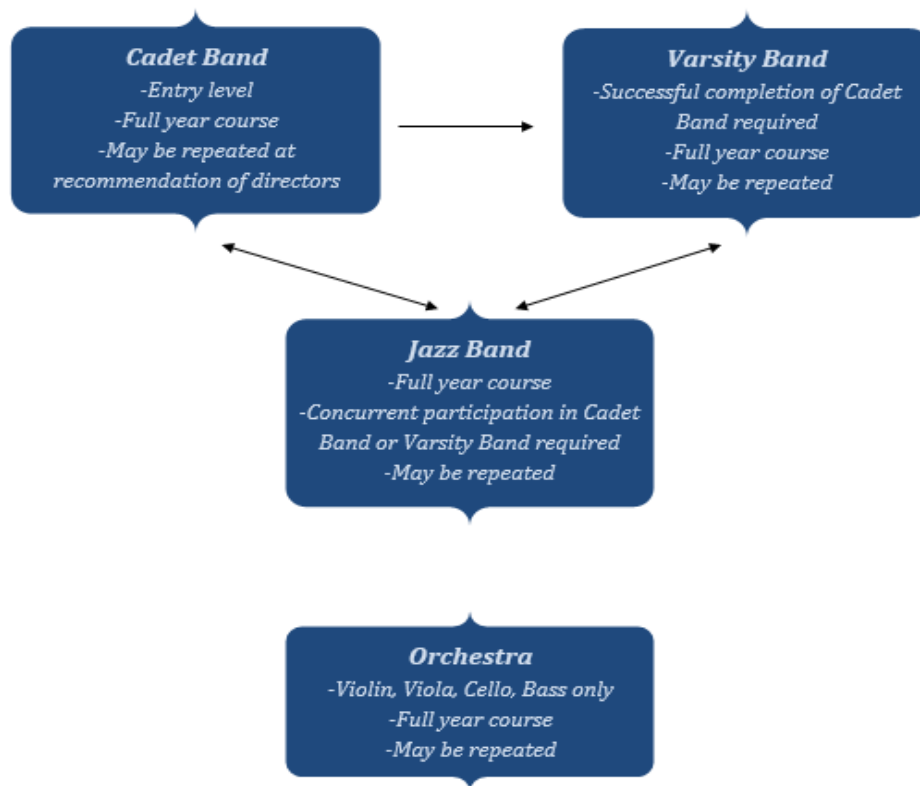
Prerequisite: A grade of A or B in Intro to Computer Programming I or passing AP Computer Science Principles

Offered To: Sophomores, Juniors, Seniors

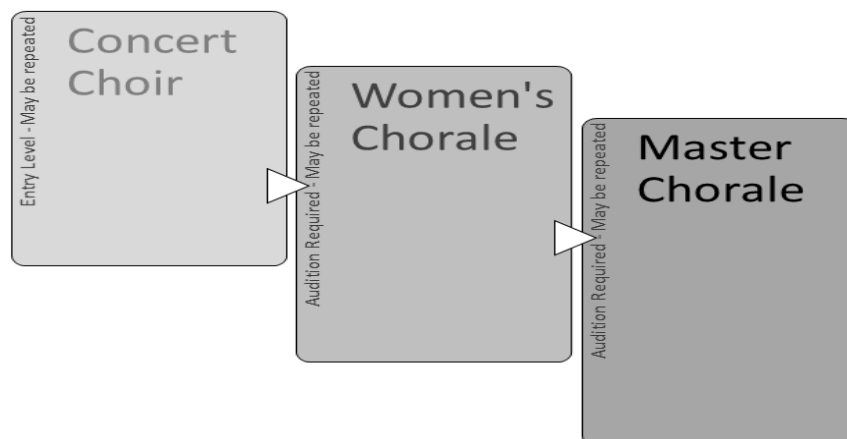
Computer Science A (AP) is an introductory introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures using the JAVA programming language. AP Computer Science A is equivalent to a first-semester, college-level programming course in computer science.

Music Course Sequences

Instrumental Music Course Sequence



Chorus Course Sequence



MUSIC

501 VARSITY BAND

Length of Course: One Year

Prerequisite: Cadet Band

Credit Granted: One quarter per semester

Offered To: Sophomores, Juniors, Seniors

Band focuses on the basic fundamentals of music, proper sound production and sight-reading in relation to his/her particular instrument. The student will perform with large and small group ensembles and will also participate in festivals, contests, parades, and concerts. Students may repeat the course each year. These students would be expected to obtain a higher degree of skill and to complete progressively more difficult assignments relating to the basic course content.

500 CADET BAND

Length of Course: One year

Credit Granted: One quarter per semester

Prerequisite: Prior enrollment in band

Offered to: Freshmen

Freshman Band – During the first nine weeks students are taught the fundamentals of marching band. These fundamentals include marching technique, drill reading, music basics, and general music theory. Students will march in parades and perform for a sophomore football game or other event. After marching band season (the first nine weeks) all band students move to concert band season.

502 JAZZ BAND

Length of Course: One year

Credit Granted: One quarter per semester

Prerequisite: Enrollment in band (except piano, bass, and guitar).

Offered To: All students

Jazz Band focuses on the basic fundamentals of Jazz Music, proper sound production, improvisation, history, and sight-reading in relation to his/her particular instrument. The student will perform in one or two big bands and will also participate in festivals, contests, and concerts. Students may repeat the course each year. These students would be expected to obtain a higher degree of skill and to complete progressively more difficult assignments relating to basic course content.

505 ORCHESTRA

Length of Course: One year

Credit Granted: One quarter per semester

Prerequisite: Experience playing a stringed instrument (violin, viola, cello, or bass)

Offered to: All students

Orchestra is a performance based ensemble that focuses on the development of individual playing skills while simultaneously rehearsing in a group to develop ensemble performance skills. Orchestra students will perform in two or three concerts at Dunlap High School as well as IHSA organizational and solo/ ensemble contests. Students are encouraged to repeat the course.

506 VARSITY FLAGS

Length of Course: One semester

Credit Granted: One-quarter per semester

Prerequisite: None

Offered to: Sophomores, Juniors, Seniors

Varsity Flags students perform in parades, field shows, and other events as an integral part of the Varsity Marching Band. The students utilize various materials and equipment in their performances and travel with the Varsity Marching Band.

507 CADET FLAGS

Length of Course: One Semester

Credit Granted: One-quarter per semester

Prerequisite: None

Offered to: Freshmen

Cadet Flags students perform in parades, field shows, and other events as an integral part of the Cadet Marching Band. The students utilize various materials and equipment in their performances and travel with the Cadet Marching Band.

509 WOMEN'S CHORALE

Length of Course: One year

Credit Granted: One quarter per semester

Prerequisite: Concert Choir

Offered to: Upperclassmen demonstrating proper choral fundamentals.

AUDITIONS REQUIRED IN MAY.

Women's Chorale consists of the continuation of fundamentals in music reading, proper sound production and voice placement, ear training, and sight singing. The student will perform with the large and small group ensembles and will also participate in festivals, contests and quarterly concerts. Students would be expected to obtain a higher degree of skill and to complete progressively more difficult assignments relating to the basic course content. Students may repeat the course each year with Director's recommendation.

510 MASTER CHORALE

Length of Course: One year

Credit Granted: One quarter per semester

Prerequisite: Concert Choir

Offered to: ~~Upperclassmen~~ Students demonstrating proper and advanced choral fundamentals.

AUDITIONS REQUIRED IN MAY.

Master Chorale consists of the continuation of fundamentals in music reading, proper sound production and voice placement, ear training, and sight singing. The student will perform with the large and small group ensembles and will also participate in festivals, contests, and quarterly contests. Students would be expected to obtain a higher degree of skill and to complete progressively more difficult assignments relating to the basic course content. Students may repeat the course each year with Director's recommendation.

511 CONCERT CHOIR

Length of Course: One Year

Credit Granted: One quarter per semester

Prerequisite: None, Middle School choral experience recommended.

Offered To: Freshmen and upperclassmen requiring a basic introduction to Chorus or to those requiring more individual attention.

Concert Choir consists of learning the basic fundamentals of music reading, proper sound production and voice placement, ear training, and sight singing. The student will perform with the large ensemble in quarterly concert situations.

Students may repeat the course each year with Director's recommendation.

521 MUSIC THEORY I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Basic music theory concepts and knowledge including, but not limited to: key signatures, scales, note identification, and basic aural skills. Instructor can provide a placement test if needed to determine skill level.

Offered To: Sophomores, Juniors, Seniors

Music Theory is the study of writing and analyzation of music.

522 MUSIC THEORY II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Minimum grade of a C in Music Theory I or teacher recommendation

Offered To: Sophomores, Juniors, Seniors

Music Theory II is a continuation of the advanced study of writing and analyzation of music in preparation for collegiate study in music.

PHYSICAL EDUCATION/HEALTH/DRIVER EDUCATION

554 PHYSICAL EDUCATION-1st semester
555 PHYSICAL EDUCATION-2nd semester

Length of Course: One semester
Prerequisite: None
Offered to: All students
Course Fees: PE Shorts: \$10; PE Shirts: \$7; PE Lock \$7

Credit Granted: One quarter

Physical Education is required for all students every semester they are in attendance in order to meet graduation requirements. Each student is required to have a district uniform. Students are eligible for exemption from Physical Education for medical reasons only when it involves a long-term excuse. If a student misses more than three weeks and any given grading period, a Medical (M) for that grading period will be recorded on the student's permanent grade card. No credit is given when a student is exempt due to long-term medical reasons. Students with medical excuses of one day to one week are required to remain in class.

558 WEIGHTS – 1ST Semester
559 WEIGHTS – 2ND Semester

Length of Course: One Semester
Prerequisite: None
Offered to: All Students
Course Fees: PE Shorts: \$10; PE Shirts: \$7; PE Lock \$7

Credit Granted: One Quarter

Weightlifting is a semester long course offered both first and second semester. The course will emphasize core lifting, flexibility, agility, and speed improvements.

551 ADVANCED WEIGHTS 0 HOUR – 1ST Semester
552 ADVANCED WEIGHTS 0 HOUR – 2ND Semester
563 ADVANCED WEIGHTS – 1ST Semester
564 ADVANCED WEIGHTS – 2ND Semester

Length of Course: One Semester
Prerequisite: See list below
Offered to: All Students
Course Fees: PE Shorts: \$10; PE Shirts: \$7; PE Lock \$7

Credit Granted: One Quarter

Advanced Weightlifting consists of athletic weight training and agility training. All students will be required to perform core lifts such as, bench press, squat and power cleans. Plyometrics, agilities, speed improvement, flexibility and cardiovascular fitness will also be emphasized. Eligible students have to be involved in a sport, a motivated weight lifter, or have completed a summer conditioning program. Athletes will not be allowed to exempt from this course while involved in their respective athletic season.

Pre-requisites

-In	a	Dunlap	High	School	or	IHSA	sport
-Completed		summer	weight	program	with	a	team
-Motivated	Weight	lifter	(need approval	from	a	PE department	member)

580 UNIFIED PHYSICAL EDUCATION– 1ST Semester
581 UNIFIED PHYSICAL EDUCATION – 2ND Semester

Length of Course: One semester
Prerequisite: None
Offered To: All Students
Course Fees: PE Shorts: \$10; PE Shirts: \$7; PE Lock \$7

Credit Granted: One Quarter

Unified Physical Education (P.E.) is P.E. that has been adapted or modified so that it is as appropriate for a student with a disability, as it is for a student without a disability. Each student with a disability will be assigned a general education peer buddy.

The class will be run on a schedule that emphasizes repetition, routine, and structure. Some activities that may be included in the Unified PE Class are: personal fitness goals that are aligned to each student's ability level, weight room/circuit training activities, as well as sport, recreation, and lifetime long leisure activities.

Additional class details:

1. General education students that would like to be a peer buddy will go through an application process that may include a series of questions to answer and submit..
2. If needed, staff will conduct interviews to finalize the peer buddy selection process.
3. Class will be offered 5th hour only.
4. Peer buddies will complete training with staff to help answer any questions they may have about assisting students.

582 PERSONAL FITNESS– 1ST Semester

583 PERSONAL FITNESS – 2ND Semester

Length of Course: One semester

Credit Granted: One Quarter

Prerequisite: None

Offered To: All Students

Course Fees: PE Shorts: \$10; PE Shirts: \$7; PE Lock \$7

Personal Fitness consists of movement concepts as they apply to physical activity, health-related physical fitness, and lifetime sports and recreation. The basic purpose of this course is to motivate students to achieve lifetime personal fitness with an emphasis on the health-related components of physical fitness. The concept of wellness, or striving to reach optimal levels of health is the cornerstone of this course and is exemplified by one of the course objectives: students designing their own personal fitness program as a way to develop the skills necessary to become fit and achieve some degree of fitness within the course. Students will be able to create individual wellness goals and an action plan for achieving them, be able to distinguish the units that help them successfully meet their individual goals, and be able to integrate the skills and knowledge gained into strategies for incorporating wellness into everyday life in and beyond high school.

560 HEALTH

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Health is a semester course required of all students. Some goals of the course are to develop an awareness of the personal, community, and worldwide good health habits. Also to develop an understanding of man's cultural, personal, and natural environment and a realization and appreciation of how man is using and misusing these resources. Areas to be covered include Human Ecology and Health, Human Growth and Development, Prevention and Control of Disease, Public and Environmental Health, Consumer Health, Safety Education, and Body Systems.

566 DRIVER EDUCATION (B.T.W.)

567 DRIVER EDUCATION (CLASSROOM)

Length of Course: Classroom Driver Education meets five days a week for nine weeks.

Credit Granted: One-quarter

Behind-the-Wheel driving for a minimum of six hour and a minimum of six (6) hours of observation.

Prerequisite: Please see below

Offered To: Students who meet state academic law

Course Fee for B.T.W.: \$50

Driver Education is offered to students who are at least 15 years of age. To do the Behind-the-Wheel driving, students must have an instruction permit. Student selection is determined by age; the older students first, providing he/she has a free period available. The purpose of the classroom phase is to give the student the background necessary to become a good and safe driver when he/she is actually driving an automobile. Students are required to complete and pass the thirty (30) hours of classroom driver education before the instruction permit is issued to the student. The purpose of the Behind-the-Wheel phase is practice driving under all road and traffic conditions possible in Dunlap and on Peoria area highways. If a student fails one nine weeks of classroom work, he/she will not be allowed to enroll in the next nine weeks of classroom work. According to Illinois Driver Education Law, students must pass eight academic (.5 credit) classes during the two preceding semesters before enrolling in Driver Education (classroom).

DUNLAP HIGH SCHOOL HEALTH AND PHYSICAL EDUCATION WAIVER PROCESS (Starting with the 2019-2020 School Year)

All students at Dunlap High School must be enrolled in PE for every year enrolled in high school. Exceptions include any student who qualifies for a medical waiver, an athletic waiver, any student enrolled in Marching Band. Health education and Driver's Education Classroom is a requirement for all students, which will take the place of PE during their enrollment in those courses.

ATHLETIC WAIVERS

1. Students participating in athletic teams sponsored by Dunlap High School may request waivers from PE according to the guidelines defined under PROVISIONS.
2. Requests must be made on the form entitled "DHS PE Waiver Request Form" available in the Counseling Office.
3. Waiver requests should be completed and turned in during registration. New team members may turn in a waiver after notification from the coach that they made the team.
4. Each request for exemption will be verified, and eligibility will be determined, on a case-by-case basis by the student's counselor.
5. Completed forms will be kept on file in the Counseling Office.
6. Waivers will be approved for one semester at a time.
7. Whenever a student on waiver is cut or quits an athletic team, or is dismissed by the coach for violation of Dunlap High School athletic policy or team rules, that student shall lose his/her physical education waiver and shall immediately be placed into a physical education class.
8. If a student meets the PE waiver requirements and is granted a waiver, but then chooses not to participate in the sport, the student must immediately report his/her decision NOT TO PARTICIPATE in the sport to the Counseling Office. If the student remains out of a PE class, the student WILL be lacking a .25 PE Credit for graduation.

PROVISIONS: The following Provisions relating to student-athletes apply only to interscholastic sports and are approved by the

PROVISION #1 - STUDENT ATHLETE

- A. A student athlete may request a waiver from physical education during the semester that their sport competes. This exemption can be utilized as a study hall or a semester course.
- B. A one-semester student athlete may request to be exempt from physical education for a year-long course, if the substituted course is year-long, regardless of the semester during which they compete, only if the student registers for a full academic schedule, defined as 7 classes with no study hall (0-6th hour or 1st-7th hour).
- C. The physical education graduation requirement of a student athlete who has been granted a waiver from physical education in order to take a full schedule of academic classes shall be reduced one semester or one-quarter credit per semester for each approved waiver if the student meets at least one (1) of the following criteria: (The total credits required for graduation remains 21.)
- i. The student athlete completes a full season as a team member in at least one sport during the semester for which the waiver is granted.
 - ii. The student athlete completes part of a season as a team member in at least one sport during the semester for which the waiver is granted, but he/she is unable to participate in the full season due to injury.

PROVISION #2 - COLLEGE ADMISSION REQUIREMENTS

A student may waive PE in order to be able to take a course or courses which are specifically required for admission to their college of choice.

PROVISION #3 - LOCAL GRADUATION REQUIREMENTS

A student who lacks sufficient course credit of one or more courses required by state statute or local school board policies for graduation may request a waiver from physical education in order to register for a full academic schedule, defined as 7 classes with no study hall (0-6th hour or 1st-7th hour), if this will allow them to fulfill Dunlap CUSD 3232 graduation requirements. Students who have failed required courses, transferred into the district with deficient credits, or who lack credits due to other causes will be eligible to apply for the above exemption.

PROVISION #4 – MARCHING BAND

A student in marching band may request a waiver from physical education during the fall semester. This exemption can be utilized as a study hall or a semester course. A marching band student may request to be exempt from physical education for the entire school year, only if they register for a full academic schedule, defined as 7 classes with no study hall (0-6th hour or 1st-7th hour).

PROVISION #5-ENROLLMENT IN PARTIAL DAY PROGRAMS

If a student is enrolled in ICC’s Strong Start Program, ICC’s D2 Program, or a Work-based Learning program and he or she lacks sufficient course credit of one or more courses required by state statute or local school board policies for graduation, a physical education waiver may be issued.

PROJECT LEAD THE WAY (PLTW) COURSE SEQUENCE

	1st year	2nd year	3rd year	4th year
Project Lead the Way (PLTW)	PTLW-Introduction to Engineering (IED)	IED PLTW-Principle of Engineering (POE) PLTW-Digital Electronics (DE)	PLTW-IED PLTW-POE PLTW-DE	PLTW-IED PLTW-POE PLTW-DE

Please see the course descriptions for pre-requisites for all of the courses here.
These classes require a course fee of \$65.00 per class.

PROJECT LEAD THE WAY/PRE-ENGINEERING

398 INTRODUCTION TO ENGINEERING DESIGN (Project Lead the Way)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completed Algebra I and currently enrolled in a mathematics course

Offered to: All Students

Course Fee: \$65.00

Introduction to Engineering Design (IED) will emphasize the development of a design. Students use computer software to produce, analyze and evaluate models of projects solutions. They study the design concepts of form and function, and then use state-of-the-art technology to translate conceptual design into reproducible products. This course teaches students to:

- Understand and apply the design process to solve various problems in team setting;
- Apply adaptive design concepts in developing sketches, features, parts and assemblies;
- Understand mass property calculations – such as volume, density, mass, surface area, moment of inertia, product of inertia, radii of gyration, principal axes and principal moments – and how they are used to evaluate a parametric model;
- Understand cost analysis, quality control, staffing needs, packing and product marketing;
- Explore career opportunities in design engineering and understand what skills and education these jobs require; and
- Develop portfolios to display their designs and present them properly to peers, instructors and professionals.

397 PRINCIPLES OF ENGINEERING (Project Lead the Way)

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: Completed Algebra I and Introduction to Engineering Design (IED), and currently enrolled in a mathematics course.

Offered to: Sophomores, Juniors, Seniors

Course Fee: \$65.00

Principles of Engineering (POE) course is designed to expose students to major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communication solutions to peers and members of the professional community. This project based course focuses in the areas of Static systems, Energy, Mechanics, and Materials Science. Each area has a culminating project to reinforce the unit. Many of the projects utilize robotic control of motors and multiple simple-machines. This class applies the skills learned in physics, chemistry or physical science as well as mathematics and writing.

399 DIGITAL ELECTRONICS (Project Lead the Way)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completed Algebra I and Introduction to Engineering Design (IED), and currently enrolled in a mathematics course.

Offered To: Sophomores, Juniors, Seniors

Course Fee: \$65.00

Digital Electronics (DE) is a course that introduces to applied digital logic, a key element of careers in engineering and engineering technology. This course explores the smart circuits found in watches, calculators, video games, and computers. Students use industry-standard problems, export their designs to a printed circuit auto-routing program that generates printed circuit boards, and

use appropriate components to build their designs. Students use mathematics and science in solving real-world engineering problems. This course covers several topics, including analog and digital fundamentals, number systems and binary addition, logic gates and functions, Boolean algebra and circuit design, and decoders, multiplexers and demultiplexers.

396 ENGINEERING DESIGN & DEVELOPMENT (Project Lead the Way)

Length of Course: One Year Credit Granted: One-half per semester
Prerequisite: Successful completion of at least two (2) Project Lead the Way courses and currently enrolled in a mathematics course
Offered to: Seniors
Course Fee:\$65.00

Engineering Design & Development (EDD) course will require students to work in teams to research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead the Way courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable set for the students in the future.

Science Department Course Sequence

1 st Year	2 nd Year	3 rd Year	4 th Year
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Professional/Science 4 Year	Biology (H)	Chemistry (H)	AP Biology Physics AP Physics I	AP Chemistry AP Biology AP Physics I AP Physics II
4 Year College	Biology	Physical Science Chemistry	Physics Chemistry Animal/Hort Science Anatomy/Phys (H) DC Environmental Science Forensic Science Medical Biology	Physics Chemistry Animal/Hort Science Anatomy/Phys (H) DC Environmental Science Forensic Science Medical Biology
2 Year Workforce	Biology	Physical Science Chemistry	Animal/Hort Science Environmental Science Forensic Science Medical Biology	Animal/Hort Science Environmental Science Forensic Science Medical Biology

*Incoming freshman meeting all requirements, may be eligible to take Chemistry (H), with the understanding that they will take AP Biology their sophomore year. Level changes will not be available with this track.

SCIENCE

611 BIOLOGY I

Length of Course: One year

Prerequisite: None

Offered To: Freshmen

Credit Granted: One-half per semester

Biology I is a lecture, lab oriented science course. In Biology I, the student will study the nature of life which includes cells and cell processes, ecology, genetics and evolution. Both laboratory experiences and lecture time are used. Special projects may be included as part of the course requirements.

612 BIOLOGY I (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: An "A" in both eighth grade math and science. A recommendation from the math and science teachers.

Offered To: Freshmen

Biology I (H) is a performance based course. Besides the regular laboratory exercises, there will be more discussion type classes as well as cooperative learning. This work will involve a more hands-on approach with research, experimental design, and computer work. The topics to be covered will include cells and cell processes, ecology, genetics and evolution.

607 PHYSICAL SCIENCE

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Biology I and Algebra I, or Algebra I (H) before Chemistry/Physics as a primer or after deficient grades in Chemistry/Physics have been obtained. Passing grades in Chemistry/Physics require prior approval from the teacher for enrollment.

Offered To: Sophomores, Junior, Seniors

Physical Science is a combination of topics from Chemistry and Physics focusing the properties of matter/materials and the interaction of matter with its environment. A good primer course for students who do not have the math ability to go directly into chemistry or physics.

623 CHEMISTRY

Length of Course: One year

Credit Granted: One half per semester

Prerequisite: Biology or Biology (H), Algebra I (C or better or instructor recommendation)

Offered To: Sophomores, Juniors, Seniors

Chemistry is a yearlong course for college bound students that will cover the major topics in chemistry. The year will consist of scientific measurements, classification and properties of matter, atomic structure, chemical compounds and reactions, energy, solutions, acids and bases.

624 CHEMISTRY (H)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Biology, Algebra I ("B" or better) or Algebra I (H)

Offered To: Sophomores, Juniors, Seniors*

*Students who have been approved to take Chemistry (H) their freshman year, must have completed Algebra I ("B" or better) or Algebra I (H) ("B" or better). Freshman following this path are committed to enrolling in AP Biology their sophomore year. No level changes will be allowed with this track.

Chemistry (H) is a yearlong course that will offer a full year laboratory course at the honors level for college bound students who have strong math skills and a strong interest in science. Major topics in chemistry will be covered with a more mathematical approach. Topics include matter and change, measurements and calculations, atomic structure, chemical bonding, chemical equations and reactions, stoichiometry, properties of matter, solutions including acids and bases, and reaction energy.

637 BIOLOGY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Biology and completion of or concurrent enrollment in Chemistry

Offered To: Juniors, Seniors

*Students who have completed Chemistry (H) their freshman year are expected to take this course sophomore year. No level changes will be allowed with this track.

Biology AP is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Some AP students, as college freshmen, are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory science course and will be able to undertake other courses to pursue their majors. Biology AP will include the topics regularly covered in a college biology course for majors or in the syllabus from a high quality college program in introductory biology.

608 ENVIRONMENTAL SCIENCE

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: 1 credit of Biological Science and 1 credit of Physical Science

Offered To: Juniors, Seniors

Environmental Science objective is to develop and demonstrate the use of research methods, to explain and evaluate the basic concepts in geology, oceanography, meteorology, and astronomy, to evaluate and apply our knowledge of Earth's systems to human interactions and resource use, to understand and develop decisions of resource use that will be sustainable to affect future environments and generations, and to develop and use critical-thinking and communication skills and collaboration opportunities. The course will include lecture, discussion, laboratory, and special projects.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

622 MEDICAL BIOLOGY

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: 1 credit of Biological Science and 1 credit of Physical Science

Offered to: Juniors, Seniors

Medical Biology is a lab/lecture course concerned with the current status of the healthcare systems careers in health care, body systems, diseases, immunity, medical math, medical ethics, nutrition, and product testing.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

639 FORENSIC SCIENCE

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: 1 credit of biological science and 1 credit of physical science

Offered to: Juniors, Seniors

Forensic Science combines the study of biological and physical sciences, and applies the principles and practices learned in these disciplines for the purposes of justice in both criminal and civil cases. Major topics covered in this course are evidence collection, fingerprints, pathology, trace evidence and microscopy (hair & fibers), drug chemistry, toxicology, DNA, firearms, impression evidence, anthropology, entomology, and document examination.

352 ANIMAL/ HORTICULTURE SCIENCE

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: 1 credit of biological science and 1 credit of physical science

Offered To: Juniors, Seniors

Animal/Horticulture Science is a yearlong course with a combination of 2 agri-science classes, Animal Science and Horticulture Science. The class will be considered a laboratory class due to the components of both Animal and Horticulture class. Students will learn about the anatomy and physiology, behavior, reproduction, production and care of plants and animals. The class will focus on the agricultural aspect of animals and plants as well as ornamental plants.

625 PHYSICS

Length of Course: One year
semester

Credit Granted: One-half per

Prerequisite: Completion of Chemistry or Physical Science, Geometry, & concurrently enrolled in Algebra II or higher

Offered to: Juniors, Seniors

Physics is the study of how matter and energy interact. The first semester starts with mechanics – the study of motion while the second part is more diversified with topics dealing with heat, waves, sound, light, and some electromagnetism/quantum theory possible.

627 PHYSICS I (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completion of Chemistry (H), Algebra II (H) or higher, concurrent with Trig/Pre-Calc (H) or higher

Offered to: Juniors, Seniors

Physics I (AP) class is **Algebra-Based** is challenging equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. A prior year of Physics is needed as background so Juniors are not recommended unless a Physics course has been completed.

***Students enrolled in this course have summer work to be completed prior to the first day of school.**

628 PHYSICS II (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Physics I (AP), Algebra II (H) or higher, concurrent with Trig/Pre-Calc (H) or higher

Offered to: Seniors

Physics II (AP) class is **Algebra II-Based** is challenging equivalent to a second-semester college course in Algebra II-based physics. The course covers fluid mechanics, thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Completion of AP Physics I is necessary for enrollment.

636 CHEMISTRY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Chemistry (H), Algebra II (H), Trig/Pre-Cal (H) (with a minimum of a B (80) average in each, teacher recommendation)

Offered To: Seniors

The **Chemistry AP** course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students are expected to attain an in-depth understanding of fundamentals and a reasonable competence in dealing with chemical problems. Topics include: atomic theory and structure, chemical bonding, kinetic-molecular theory, states of matter, solutions, reaction types, stoichiometry, equilibrium, kinetics, and thermodynamics. Extensive laboratory experiences will be provided. The course is recommended for students who need to take chemistry in college, especially for engineering and all scientific and medical fields. Students enrolled in this course are encouraged to take the College Board Advanced Placement exam (offered each May) with the opportunity to earn college credit.

***Students enrolled in this course have summer work to be completed prior to the first day of school.**

617 ANATOMY & PHYSIOLOGY (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: 1 credit of Biological Science and 1 credit of Physical Science and ICC dual credit placement requirements

Offered To: Juniors, Seniors

Anatomy & Physiology (H) is a four-dual credit course with ICC. This course presents an investigation of the human organism on the cellular, histological, and organ system level of development. **Dual credit option with ICC is available (BIOL 140).**
****All students are required to purchase the textbook and those taking the course for dual credit will pay ICC tuition***

562 HLTH 121 (H) Medical Terminology (Online only Dual Credit)

Length of Course: One Semester
Credit Granted: One-half

Prerequisite: ICC dual credit placement requirements

Offered To: Juniors, Seniors

Course Fee: Tuition for these courses is set by ICC and is subject to change

HLTH 121 (H) Medical Terminology is a study of terminology used in all areas of medical and paramedical specialties. Emphasis is placed on word-building techniques and understanding of typical medical reports.This course will count for elective credit, not science credit.

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Social Studies Course Sequence

<u>Course</u>	<u>Years Offered:</u>	<u>Length in Semesters</u>
Geography	9, 10, 11, 12	1
Human Geography (AP)	10, 11, 12	2
World History 1	9, 10, 11, 12	1
World History 2	9, 10, 11, 12	1
World History 3	9, 10, 11, 12	1
World History (AP)	10, 11, 12	2
U.S. History	11, 12	2
U.S. History (AP)	11, 12	2
U.S. History Blended	11, 12	2
Civics	10, 11, 12	1
Economics	11, 12	1
Sociology	11, 12	1
Global Events	11, 12	1
Psychology (AP)	11, 12	2
Modern U.S. History	11, 12	1
PSY 110 (H) Intro to Psychology	11, 12	1
SOC 110 (H) Intro to Sociology	11, 12	1

SOCIAL STUDIES

701 GEOGRAPHY

Length of course: One semester
Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Geography explores the relationship of humans and their environment. Topics include the understanding of maps, space, weather, landforms, culture and economic geography

**This course would qualify as one of the eight courses required for Illinois Global Scholar certification.*

WORLD HISTORY COURSES

There are three courses in the World History series and they can be taken in any sequence.

736 WORLD HISTORY I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

World History I examines the beginnings of major civilizations of the world from recorded time up through the fall of the Roman Empire. Included would be Egyptian, Hebrew, Mesopotamian, Indian, Chinese, Greek, and Roman cultures. This class will focus on how societies evolved over time as well as social, political, religious, and economic themes of the ancient world. Primary and secondary sources will be used throughout this class.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

737 WORLD HISTORY II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

World History II focuses on a study from the Middle Ages through the French Revolution (800s-1800s AD). Main points of interest would be the Renaissance, the Crusades, the Reformation, Growth of Western European states, the English Civil War and resulting new government philosophies, the development of Asian societies, and the French Revolution. This class will focus on the development of the modern world through the influence of government, culture, economics, and geography. Primary and secondary sources will be used throughout this class.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

738 WORLD HISTORY III

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

World History III emphasizes the development of modern European nations, the Industrial Revolution, modern developments in the arts and sciences, imperialism, nationalism, causes of World War I, World War II, Post World War II, development of Japan and China as Asian powers, and the rise of the United States and USSR as major superpowers. This course can be taken in any World History I, II or III sequence.

739 WORLD HISTORY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: "B" or higher in previous Social Studies or English courses or instructor approval

Offered To: Sophomores, Juniors, Seniors

World History (AP) is a college level course that focuses on the key themes of world history. The course examines human interaction with the environment, culture, state-building, economic systems, and social structure. The course covers the time period from 8000 BC to the present day. The course is open to sophomores through seniors. The curriculum is set by the College Board. The class is meant to prepare students to take the AP exam. Through the AP Exam, students have the opportunity to earn college credit.

700 HUMAN GEOGRAPHY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: "B" or higher in previous Social Studies or English courses or instructor approval

Offered To: Sophomores, Juniors, Seniors

Human Geography (AP) is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification

711 U.S. HISTORY

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Juniors, Seniors

**This class can be taken as a blended class. See Page 5 for more information.

United States History is required for graduation and is normally taken during the junior year, although it may be taken during the senior year. This is a survey course in the social, economic, geographic, and political history of the United States from the Revolutionary War Era to the present. Topics covered include, but are not limited to: The U. S. Revolution, The Young Republic, The Era of Expansion and Political Reform, Sectional Controversy, Civil War and Reconstruction, The Second Industrial Revolution, The Progressive Era, World War One, The Boom and Bust of the 1920s and 30s, The New Deal Era, The Rise of Fascism, World War Two, Postwar America, and The Cold War.

711B BLENDED U.S. HISTORY is a survey course in the social, economic and political history of the United States from the Revolutionary War era to the mid 20th century. This class meets Tuesday and Thursday in the regularly scheduled class. The rest of the time is spent working at the student's pace in an online setting. Clear directions will be given to access the online platform and how to be successful in a blended classroom setting.

718 U.S. HISTORY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisites: At least a "B" average in Social Studies courses or instructor approval.

Offered To: Juniors, Seniors

U.S. History (AP) is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. It is a two-semester survey of U.S. History from the colonial period to present day America. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, and interpretation of original documents.

***Students enrolled in this course have summer work to be completed prior to the first day of school.**

726 CIVICS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors, Seniors (preference given to juniors and seniors)

Civics is required of all students. It is offered both semesters of the year. The subject matter of the course includes the organization and functions of the national, state, and local governments. The course also includes preparation for the tests on the U.S. Constitution, and Illinois State Constitution test. In order to graduate, students are required to pass the class as well as both constitution tests. Current issues related to the government will also be discussed.

751 ECONOMICS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors, Seniors

Economics is offered as an introductory course to economic theory and principles. It is a one semester course that focuses on the economy, focusing on how the economy relates to individuals, the American society, and the international community. The course introduces the basics of economics and then shows how they are applied in real-world situations. The following units are covered in the course: introduction to economic, how markets work, business and labor, and money, banking, and finance.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

750 GLOBAL EVENTS

Length of Course: One Semester

Credit Granted: One-Half

Prerequisite: None

Offered to: Juniors, Seniors

Global Events will introduce students to the use of critical thinking skills and constructs in the study and analysis of current global events and issues. This class will focus heavily on the news and have a weekly and bi-weekly news analysis assignments. Some topics will cover mature content. The class will provide students with the knowledge and skills necessary for them to live in an increasingly interdependent and complex global society. The course will have a heavy internet and technological component. Topics include, but are not limited to the following: Perceptions, Media Bias, Globalization, Human Rights, Global Education, Elections, Olympics, Terrorism, Non-Violence, and America's Role in the Changing World. Students will also engage in global teaming simulations and discussions. Since there is no textbook, every unit will have two assessments; a written in class essay and a project (some projects will be individual and some will be in pairs or groups.) Students will use Edmodo (online social learning network) to turn in and get assignments.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

756 SOCIOLOGY

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors, Seniors

Sociology is an analysis and study of human social behavior. Positive human relationships are an essential part of a civilized society and how we interact with each other is important so that we can find answers to questions and solve problems in our world. Attention is centered on topics such as personality, individual and social development, culture, and crime by reflecting not only on American society but our individual lives through personal reflection and connections. **Some topics will cover mature content.** *This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

757 PSYCHOLOGY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: "B" average in previous Social Studies courses or instructor approval.

Offered To: Juniors, Seniors

The **Psychology (AP)** course is the equivalent of a half-year college course. The course is designed to introduce students to the systematic and scientific study of human behavior and mental processes. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. The course emphasizes the development of critical thinking skills and a clear, concise, writing style. The AP course is designed to prepare students for the AP Psychology exam offered by the College Board. Topics covered include; History and Methodology of Psychology, Biological Basis of Behavior, Sensation and Perception, Consciousness, Learning, Memory, Thinking, Motivation, Child Psychological Development, Adolescent Psychological Development, Psychology of Adulthood and Aging, Personality, Abnormal Psychology, Mental Health Treatment, Health Psychology, and Social Psychology.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

712 MODERN U.S. HISTORY

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors, Seniors

Modern US History is a semester elective for juniors and seniors that would help reach the potential three year social studies class requirement for some college admission requirements. This is a survey course in the social, economic, geographic, and political history of the United States from the Cold War to present days. Topics covered include, but are not limited to: the Cold War, Postwar Boom, Eras of Social Change, Civil Rights Movement, Vietnam War, Transitions and Conservatism, the New Millennium, and the United States in the 21st Century.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification.

704 HUMANITIES CAPSTONE

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: Completion of 7 courses that qualify as globally focused.

Offered To: Juniors, Seniors

Humanities Capstone is a course for students pursuing completion of the Illinois Global Scholar project and subsequent certification. This course will require a sophisticated, college ready use of core standards in making a claim, conducting and analyzing research, synthesizing resources, and supporting arguments. Students will select and design a course of study in conjunction with a mentoring teacher who will facilitate the investigation of a global issue, the production of an artifact (paper, film, work of art, or infographic) that reflects learning, and the communication of findings to individuals impacted by the global issue or concern. Final products can be designed as papers, documentaries, galleries, service projects, oral histories, etc. This learning course integrates traditional face-to-face learning and online independent learning components. Completion of the capstone course meets the 4th requirement toward Global Scholar Certification.

*This course would qualify as one of the eight courses required for Illinois Global Scholar certification and must be taken as a part of the certificate program..

758 PSY 110 (H) INTRODUCTION TO PSYCHOLOGY (Online only Dual Credit)

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: ICC dual credit placement requirements

Offered To: Juniors, Seniors

Course Fee: Tuition for these courses is set by ICC and is subject to change

PSY 110 (H) Intro to Psychology is Psychology is the scientific study of behavior and mental processes. This course will introduce the student to fundamentals of physiological psychology, sensation and perception, learning, emotions and motivation, and psychological disorders and their treatment. The role of research and the scientific method are emphasized throughout the course.

755 SOC 110 (H) INTRODUCTION TO SOCIOLOGY (Online only Dual Credit)

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: ICC dual credit placement requirements

Offered To: Juniors, Seniors

Course Fee: Tuition for these courses is set by ICC and is subject to change

SOC 110 (H) Intro to Sociology utilizes the approaches of functionalism, conflict theory, and interactionism to analyze the structures and processes of group life from a scientific perspective. Major areas of inquiry include: theory and methodology, culture, social organizations, socialization, groups, institutions, formal organizations, collective behavior, and social change.