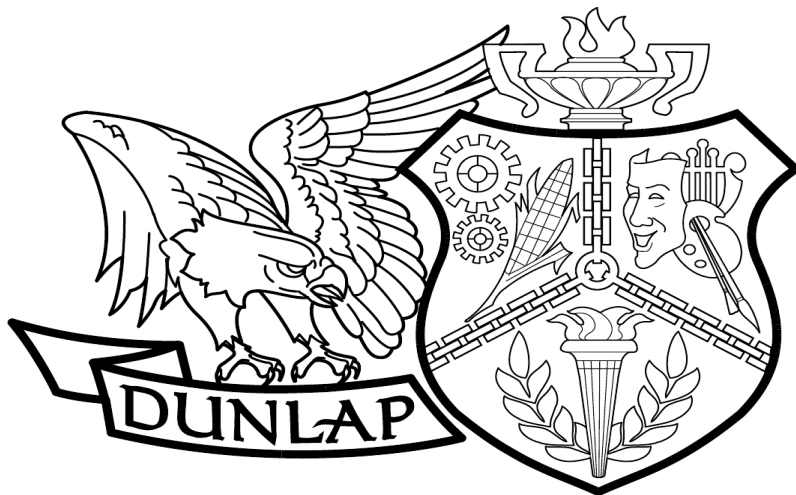


DUNLAP HIGH SCHOOL

STUDENT HANDBOOK

CURRICULUM GUIDE



COURSE OFFERINGS

2012-2013

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PROGRAM PLANNING

A program of classes for the freshman year is decided when the counselor has an individual conference with the student or his/her parents 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 in this conference. A student's program 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 or business schools or enter apprenticeship programs should consider taking Tech courses during their four years. Those students who plan to further their education by attending college should be interested in college preparatory courses. Those students who are undecided may wish to follow a general course of study. With prior approval, seniors may take courses at the college level. However, high school credit will not be granted for these courses.

STUDY HABITS

Classes are approximately 49 minutes in length. It is reasonable to expect 20 - 30 minutes of homework per subject per day. If a student is satisfied with grades lower than his or her capabilities, he/she may "get by" without any homework. 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. The number of study halls in the student's schedule should also affect the amount of study time needed away from school.

SEMESTER EXAMS

Semester exams will be given in all full credit courses except for specific courses as determined by the administration. The semester exam will count twenty (20) percent of the semester grade with each nine week grade counting forty (40) percent each. A special schedule is run at the end of each semester for the exams. All seniors (including early graduates) are required to take final exams first semester. Seniors are not required to take final exams second semester.

HINTS ON COURSE SELECTION

Students desiring a certain type of education should plan their course of study to give them that training. As they consider a certain field of education, they should work out a suitable program of study with a guidance counselor.

Students planning to enter liberal arts curriculum in college should plan to take the required courses with additional credits in the required course field; more Math, Science or Foreign Language. These students should see that they have at least 15 units in the so-called academic subjects, which are in the Math, Science, English, Social Studies, and Fine Arts areas. College catalogs should be consulted at the earliest possible date so subjects may be selected to meet the college entrance requirements. Students planning to enter other types of college curriculums (Business, Music, Industrial Arts, Art, Family and Consumer Science, Agriculture, etc.) should work to see that they have not only the necessary academic subjects, but also the necessary courses in their field.

Generally, college bound students need to score well on the ACT (American College Test) and should rank in the upper one-half of the graduating class. However, this alone does not insure that a college will accept a student. The student's record of conduct, attendance and punctuality are also very important.

Honor courses (H) and Advanced Placement courses (AP) are designated in the course selection section. These advanced level courses have a special grade scale, but do not carry any extra grade weight. They will be noted as such on the high school transcript. These courses will improve the important college entrance exams (ACT) and (SAT) scores.

Students planning to enter specific training courses (trade schools and two-year junior college programs) should take as much Math and Career and Technical Education (CTE) courses as possible. Students planning to work immediately after high school graduation should take appropriate vocational courses.

Early planning cannot be over-emphasized. Once a student begins a program, it is sometimes difficult to get all the necessary requirements should he/she change programs. Should a decision to change be made, a contact should be made immediately with your counselor. Your high school counselor is available to help you with any of your course or vocational planning decisions. Do not hesitate to consult with your counselor.

SELECTION/SEQUENCING OF COURSES (1/29/99)

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 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.

It is not the responsibility of the District to dictate courses or the sequencing of courses past those mandated by the Illinois State Board of Education or Dunlap School District for graduation purposes. Students and their parents should be informed of the potential consequences of taking specific courses or 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.

REQUIREMENTS FOR GRADUATION

Beginning with the class of 2001, a minimum of twenty (20) units of credit is required for graduation from Dunlap High School.

The following are state and school district requirements for all graduating classes:

- 4 Years of Language Arts (must include 1 Semester of Speech)
- 3 Years of Mathematics (beginning with the Class of 2009)
- 2 Years of Social Studies (must include U.S. History and Civics)
- 2 Years of Science
- 1 Year of Foreign Language, Art, or Career and Technical Education (CTE)
(Agriculture, Business, Family & Consumer Science, or Industrial Arts)
- 1 Semester of Software Applications
- 1 Semester of Resource Management
- 4 Years of Physical Education (must include Driver Education classroom and Health)
- Completion of the Prairie State Achievement Examination

NOTE: Each semester a student must register for at least four (4) solid subjects (those with 1/2 credit per semester) unless exempted by the Administration. Students who have demonstrated academic proficiency may be allowed to take six (6) solid subjects with Administrative approval.

On the chart listed below, all courses meet two (2) consecutive semesters and earn one (1) unit of credit unless noted otherwise. The normal sequence is as follows:

I	II
Practical Read/Writ. 1, Lang/Lit 1, Lang/Lit 1 (H)	Practical Read/Writ. 2, Lang/Lit 2 or Lang/Lit 2 (H)
Speech (1/2)	Physical Education/Driver Education
Applied Algebra I - II, Algebra I	Science
Algebra I (H) or *Geometry (H)	Math
Biology I, Biology I (H)	Social Studies Elective
Software Applications	Elective
Physical Education/Health	
Electives (Foreign Language, Art, Vocational)	
III	IV
Junior English Elective	Physical Education (1/2)
U. S. History (B), U. S. History or	Elective
U. S. History (AP)	Elective
Civics (B) or Civics (1/2)	Elective
Resource Management (1/2)	English Elective (One Semester)
Physical Education (1/2)	
Math	

*If completed the Junior High Algebra I program

FRESHMAN COURSE RECOMMENDATIONS

On the basis of test scores, previous grades and the recommendations of the eighth grade teachers, the students will be placed in either Applied Algebra I - II, Algebra I, Algebra I (H), or Geometry (H); General Science, Biology I or Biology I (H); and Practical Reading/Writing 1, Language and Literature 1, or Language and Literature (H) during their Freshman year.

OUTSIDE COURSES

Courses not taken at Dunlap High School (e.g.) ICC, Bradley, summer schools, night schools, correspondence courses, etc. by a student currently enrolled will not be counted for graduation credit, unless approved in advance by the Principal and/or counselor. Approval will be given for courses previously failed or for electives which are not offered at Dunlap High School.

COMMUNITY SERVICE CREDIT

Beginning with the 1994-95 school year, a student may earn graduation credit with certified community service work. Application for this credit must be made prior to an academic semester with pre-approval from the high school counselor. Please check with your counselor for community service details.

AGRICULTURE

351 INTRODUCTION TO AGRICULTURE INDUSTRY (A100)

Length of Course: One semester (Offered on even numbered years)

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 wood working project and the completion of a project, planning a wood working 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 SCIENCE (A205)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Junior or senior having passed a biological and physical science

Offered To: Juniors and Seniors

Animal Science deals with learning experiences that are concerned with the theories, principles, and practices in producing (breeding, feeding, care, and housing) animals and animal products for economic and other uses. Applied math/science skills are stressed throughout the course. Agri-business skills and microcomputer applications are utilized as they relate to each instruction unit. In addition to technical skills, course content will reflect the integration of academic and workplace skills. A notebook is required. **This course qualifies for one semester of the high school science requirement for graduation. This course may not qualify as a college prep unit as determined by the individual college/university.**

354 AGRI-BUSINESS MANAGEMENT (A400)

Length of Course: One semester (Offered on odd numbered years)

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors or Seniors

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.

356 HORTICULTURAL SCIENCE (PRODUCTION) (A410)

Length of Course: One semester (Offered on even numbered years)

Credit Granted: One-half

Prerequisite: Juniors or senior having passed a biological and physical science

Offered To: Juniors or Seniors

Horticulture Production involves the growing of greenhouse and nursery crops and operation of a horticultural business. Emphasis will be placed on controlling the greenhouse environment for bedding and houseplant production and equipment and processes used in nursery crop production. Agribusiness units include merchandising, advertising, displaying horticulture products, selling horticulture products and services. In addition to technical skills, course content will integrate academic and workplace skills. **This course qualifies for one semester of the science requirement for high school graduation. This course may not qualify as a college prep unit as determined by the individual college/university.**

357 LANDSCAPING AND TURF MANAGEMENT (A415)

Length of Course: One semester (Offered on odd numbered years)

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Landscaping and Turf Management are two major areas of horticulture. Units of study include establishing, maintaining, and designing landscape plantings; establishing and maintaining turf grass; 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 (ART I)

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 (I260)

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: 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. Students will work from still life, figure drawing and portraiture, outdoor settings and their own sketches. They will be encouraged to use experimental techniques with a media in order to find their creative niche. Students will be required to work on a large format, no smaller than 11 x 14; thus encouraging a better understanding for composition and subject placement. Students will also be exposed to artists working in the field of painting, both traditional and contemporary.

108 COMPUTER GRAPHICS IN PHOTOSHOP I (I270)

Length of Course: One semester

Credit Granted: One-half

Pre-requisite: None

Offered to: Sophomore, Juniors and 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 CS3 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.

105 PRINTMAKING (I460)

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

Printmaking will give students the experience the tools of printmaking for communication of clear and focused ideas based on planning, research, and problem solving. This course allows students to experience the tools of the visual trade for communication through printmaking. Studio experience includes Monotype, Collagraph, Linoleum, Intaglio, and Silkscreen.

106 COMPUTER GRAPHICS IN PHOTOSHOP II (I465)

Length of Course: One semester (Offered only in odd number years)

Credit Granted: One-half

Prerequisite: Computer Graphics in Photoshop I

Offered To: Sophomores, Juniors and Seniors

Course Fee: \$15

In **Computer Graphics in Photoshop II** students will use the Adobe Photoshop and Illustrator CS3 programs 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, special effects and creating the cover for the Dunlap Handbook. Students will take home a digital portfolio of their work from the class.

111 CRAFTS I

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 basketweaving, 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 allows students to experience the tools of the visual trade for communication through drawing. Studio experience includes pencil, ink, chalk and oil pastels, charcoal and Prismacolor.

114 DRAWING II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Drawing I

Offered to: Sophomores, Juniors, or Seniors

Course Fee: \$30

Drawing II will further explore in understanding and use of drawing materials including ink, charcoal, pastels, color pencils, and Graphite. Students will learn composition skills, basic figure drawing skills, including correct proportion and place of the figure. They will continue to explore shading and the use of value, not only in black and white but also in color. Students will learn how to mat and frame artwork. Students will be required to keep a working sketchbook with current sketches, inspiring photos, etc. to help students learn to view their environmental in a creative mind and to build their portfolio.

116 PHOTOGRAPHY I (I265)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Course Fee: \$65

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. A manual functioning 35 mm. film camera is recommended, but loaner cameras are available for use.

117 PHOTOGRAPHY II (I467)

Length of Course: One semester (Offered only on even numbered years)

Credit Granted: One-half

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

Offered To: Juniors and Seniors

Course Fee: \$65

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: sepiatoning, 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. The Photography students will take a field trip to Chicago to visit galleries and take photographs of the architecture of Chicago. A manual 35mm. film camera is recommended, but loaner cameras are available for use.

119 2D DESIGN PORTFOLIO (ADVANCED PLACEMENT)

Length: One Year

Credit Granted: One-half per semester

Prerequisite: Art Foundations and a minimum of two other high school art courses

Offered to: Seniors with teacher approval

Course Fee: \$30

2D Design Portfolio (Advanced Placement) – This course is designed for highly motivated students who are seriously interested in the study of art. Students submit portfolios for evaluation at the end of the school year. Works in the portfolio may include but are not limited to graphic design, digital imaging, photography, collage, drawing, illustration, painting and printmaking. AP portfolio work should reflect and will be evaluated on the areas of concern: quality, concentration and breadth. Students are expected to work outside of class in order to complete portfolio requirements.

120 DIGITAL PHOTOGRAPHY I (I466)

Length: One Semester

Credit Granted: One-half

Prerequisite: None

Offered to: Juniors and Seniors

Course Fee: \$65

Digital Photography is offered to students have completed Photography I. 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. A solid background in photographic principles and darkroom techniques is expected. Students will shoot a variety of photographic assignments and use Adobe Photoshop as a photographic imaging tool. Photo assignments include: Digital close-ups, extreme camera angles, architecture, self-portraits, reflections, sunsets, word art, 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, but students may use their own cameras if they have a digital SLR. 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 and 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 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. A digital camera is needed for the class.

122 DIGITAL MULTI-MEDIA

Length of Course: One semester

Credit Granted: One-half

Pre-requisite: 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 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 CS3, the standard program for image enhancement, manipulation and digital work flow and file conversion. Students will learn the rules of animation as well as how to animate in Flash. Projects from this class include creating the following: scanner grams, animated Gifs, a digital documentary, an animated billboard and a video gallery. 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

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 or Digital Photography II

Offered To: Seniors **with teacher approval**

Course Fee: \$65

Independent Study in Photography is for the serious photography student who has completed Photography I and Photography II or Digital Photography. 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.

BUSINESS

151 KEYBOARDING AND FORMATTING I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Freshmen and Sophomores

Keyboarding and Formatting I is designed to develop basic skills in touch keyboarding and the formatting of documents such as letters, envelopes, memorandums, reports, and tables. Students will learn to edit, change fonts, work with multiple windows and proofread. Students taking this course would not have fulfilled keyboarding requirement at middle school or previous high school. (High School Computing)

154 MARKETING

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Software Applications

Offered to: Juniors or Seniors

Marketing is intended to give students a good background for entering the world of work and for entering college business marketing courses. Marketing education is designed to focus on the functions of marketing as they relate to occupational task list.

156 SOFTWARE APPLICATIONS

Length of Course: One Semester

Credit Granted: One-half

Prerequisite: Successful completion of Keyboarding and Formatting at middle school or previous high school

Offered to: Freshmen and Sophomores

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.

169 WEB DESIGN

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Software Applications

Offered to: Sophomores, Juniors, or Seniors

Course Fee: \$15

Web Design – Web Page and Interactive Media Development 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 HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript.

161 ACCOUNTING I (B300)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Sophomores, Juniors and Seniors

Course Fee: \$15.00

Accounting I is a skill level course that is of value to all students pursuing a strong background 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. Simulations will be used to emphasize actual business records management. In addition to technical skills, course content will reflect integration of academic and workplace skills. A section on individual income tax preparation is included. This course may qualify for Illinois Central College credit.

165 ACCOUNTING II (B400)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Accounting I

Offered To: Juniors and Seniors

Course Fee: \$15

Accounting II is a skill level 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. Skills are developed in the entry, retrieval, and statistical analysis of business data using computers for accounting business applications. Accounting problems and/or simulations may be completed on the computer. This course provides a technical background for college-bound students who plan a business curriculum, as well as those who wish vocational preparation. In addition to technical skills, course content will reflect integration of academic and workplace skills.

166 INFORMATION PROCESSING I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Software Applications

Offered to: Sophomores, Juniors, or Seniors

Course Fee: \$15

Information Processing I is a skill-level course that includes skill development in the use of information processing software. Students will prepare documents, create and update databases, spreadsheets and data directories, prepare files to merge, and create documents using mail merge.

167 BUSINESS LAW I (B455)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Business Law I is a course which introduces the American Legal System. It is taught for its personal value to the students as well as its vocational value. Business Law assists the students in meeting demands of the everyday business world and develops understanding of personal obligations in business transactions. This course is recommended for those seniors or juniors in the business career education program; it may be elected in the junior or senior year by those students who plan to attend college and study any area of business or who have special interest in this area. In addition to technical skills, course content will reflect integration of academic and workplace skills.

376 INTERRELATED COOPERATIVE EDUCATION (C475) (4751)

Length of Course: One year

Credit Granted: Three per year

Prerequisite: Must have completed vocational sequence and work in job related to the area.

Offered To: Seniors

Interrelated Cooperative Education is designed for senior students interested in pursuing careers in vocational occupations. 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 student abilities to interact positively with others. For skills related to the job, refer to the skills development course outlines and the task list of the desired occupational program. In addition to technical skills, course content will reflect integration of academic and workplace skills.

A qualified vocational cooperative coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student, and coordinator. Occupational task lists form the basis for training plans. The coordinator, student, and employer comply with federal, state, and local laws and regulations.

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, financial planning, organization and job termination. In addition, classroom instruction includes technical skills as identified on occupational task lists.

455 COMPUTER PROGRAMMING I (B455)

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, and Seniors

Course Fee: \$15

Computer Programming I in QUICK BASIC is a one-semester course in programming. The principle 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 integration of academic and workplace skills. Students will develop the concepts of programming to generate and end product.

456 COMPUTER PROGRAMMING II (H)(B455)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successfully passed Programming I and Algebra II

Offered To: Juniors and Seniors

Course Fee: \$15

Computer Programming II (H) in TUBRO PASCAL and VISUAL BASIC are the second semester skill level courses in programming for electronic data processing. The principle course objective is to prepare students for the world of computer science. Course content is planned to broaden language concepts, develop logical thought processes, and develop student skills in advanced flow charting, problem analysis and systems design. Instruction in programming concepts involved in interfacing computers to other high technology devices is essential. In addition to technical skills, course content will reflect integration of academic and workplace skills.

ENGLISH (LANGUAGE ARTS)

201 PRACTICAL READING AND WRITING I

Length of Course: Two semesters

Credit Granted: One-half per semester

Prerequisite: None

Offered to: Freshmen

Practical Reading and Writing I is designed for the student who may struggle with language arts, this course presents strategies for comprehending, evaluating, and applying information from real-world sources, including 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.

206 LANGUAGE AND LITERATURE I

Length of Course: Two semesters

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: Two Semesters

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, 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, focused discussion is expected. Teacher referral recommended.

211 PRACTICAL READING AND WRITING II

Length of Course: Two semesters

Credit Granted: One-half per semester

Prerequisite: Successful complete of Practical Reading and Writing I or Language and Literature I

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 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: Two semesters

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: Two semesters

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.

221 PRACTICAL READING AND WRITING III

Length of Course: Two semesters

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 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 ADVANCED PLACEMENT LITERATURE AND COMPOSITION (H)

Length of Course: Two semesters

Credit Granted: One-half per semester

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

Offered To: Juniors

Advanced Placement Literature and Composition (H) 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 score. Challenging reading, extensive writing, and focused discussion is expected. Teacher referral recommended.

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 and 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 instructions focuses on the development of personal voice through fictional, non-fictional, lyric, and dramatic forms.

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: Juniors and Seniors

Film Studies is designed for the student who is competent or gifted in the language arts. This course allows students to study literature through the interpretation of film. Students will analyze the history, artistic elements, and popular influence of film making in tandem with thematically similar literary works.

222 PRACTICAL READING AND WRITING IV

Length of Course: One semester

Credit Granted: One-half

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 and Seniors

British Literature I 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 of the British Isles as well as thinking, language and writing skills. This course traces the development of British Literature from its origin to modern times. Supplementing the class work, students are required to independently read novels selected from a list of approved British classics. A critical research project which meets all teacher criteria is 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 British Literature I

Offered to: Juniors and 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, focusing on the modern and contemporary time period since 1900. Supplementing the class work, students are required to independently read novels selected from a list of approved British classics. A critical research project which meets all teacher criteria is 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 and 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 classic as well as modern literature from the ancient world, Greece and Rome, Asia, the Middle East and Europe. Supplementing the class work, students are required to independently read a literary classic novel (not including American or British authors) selected from an approved list to complete a critical research project which meets all teacher criteria and is required for successful completion of World Literature I.

234 WORLD LITERATURE II

Length of Course: One Semester

Credit Granted: One-half per semester

Prerequisite: Successful completion of World Literature I

Offered to: Juniors and 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 is a continuation of World Literature I, exposing students to a sampling of modern and contemporary literature (since 1900) from Asia, the Middle East, Africa and Europe. Supplementing the class work, students are required to independently read a literary classic novel (not including American or British authors) selected from an approved list to a complete a critical research project which meets all teacher criteria and is required for successful completion of World Literature II.

246 COMPOSITION 110 ICC DUAL CREDIT (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of English III or English III (B), or Advanced Placement Literature and Composition I and II

Offered To: Seniors

Composition 110 ICC Dual Credit (H) course progresses the student from writing narrative and expressive compositions (expressive 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.

244 COMPOSITION 111 ICC DUAL CREDIT (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Successful completion of Composition 110 (H)

Offered to: Seniors - Offered only in spring semester

Composition 111 is a course that progresses the student from writing analysis of and inquiring about issues to writing argumentative and persuasive compositions using research, through 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.

240 ADVANCED PLACEMENT LANGUAGE AND COMPOSITION (H)

Length of Course: Two semesters

Credit Granted: One-half per semester

Prerequisite: Successful completion of English III or Advanced Placement Literature and Composition I and II

Offered to: Seniors

Advanced Placement Language and Composition 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 Advanced Placement Language 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 score. Challenging reading, extensive writing, and focused discussion is expected. Teacher referral recommended.

243 JOURNALISM

Length of Course: One semester

Credit Granted: One-half per semester

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

Offered to: Sophomores, Juniors and Seniors

May be repeated for elective credit.

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 (offered on odd numbered years)

Credit Granted: One-half

Prerequisite: Successful completion of Speech I

Offered To: Sophomores, Juniors, and 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

300 ORIENTATION TO FAMILY AND CONSUMER SCIENCES (FACS)

Length of Course: One semester

Credit Granted: One-half

Offered To: All Students

Course Fee: \$15

Orientation to Family and Consumer Sciences provides students the opportunity to develop knowledge and skills in understanding their role as adults in today's society. Students will explore and study the variety of areas within Family and Consumer Science as well as the vast career options available to them. The course content will present basic subject matter in the following areas: Fashion and apparel, resource management, foods and nutrition, housing, furnishing and equipment, human development, interpersonal and family relationships, introduction to the world of work.

Communication, math, science, social sciences, art, health, computers and related technologies are integrated throughout the course. Learning experiences assist students in understanding themselves, their roles in today's society, the role of technology in the home, and the nature of homemaking as well as other Family and Consumer Sciences related careers.

This course would be used as a prerequisite for Foods I and Parenting. Juniors and Seniors could be admitted into these courses through teacher approval.

301 FOODS AND NUTRITION I (H205)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Orientation to Family and Consumer Sciences or teacher's approval

Offered To: All Students

Course Fee: \$15

Foods and Nutrition I includes classroom and lab experiences in nutrition, food science, food preparation, management, and hospitality. Course work includes planning and preparing individual dishes and meals, as well as nutrition, health and safety precautions, and hospitality.

302 FOODS AND NUTRITION II (H206)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Foods I

Offered To: Sophomores, Juniors, and Seniors

Course Fee: \$15

In Foods and Nutrition II more attention will be paid to food selection and preparation for special circumstances and dietary needs. Laboratory sessions will be devoted to preparation of foods with specific characteristics. Course content will include the following broad areas of emphasis; careers in foods and nutrition, influences on food customs throughout the world, diet and health, current nutritional issues, planning for special food needs, safety of foods, food purchasing, prevention of food-borne illnesses, conservation in providing food, food preservation, the application of the above mentioned areas of emphasis to food service occupations will be stressed. This course provides an introduction to commercial food service, preparation and management. Communication, math, science, social sciences, art, health, computers and related technologies are integrated throughout the course.

303 FASHION APPAREL AND DESIGN (H215)

Length of Course: One semester (Offered on even numbered years)

Credit Granted: One-half

Offered To: All Levels

Course Fee: \$15

Fashion Apparel and Design is useful for students who would like to pursue a career in Fashion Merchandising, Fashion Design, or would like to learn to sew for their own needs and enjoyment. The principles and elements of design in clothing are explored, use and care of textiles, selecting, constructing, altering, repairing, and remodeling clothing products are also covered. Communication, math, science, social science, art, health, computers, and related technologies are integrated throughout the course.

304 CHILD DEVELOPMENT (H) (H200)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Orientation to Family and Consumer Sciences or Parenting

Offered To: Juniors and Seniors - Dual Credit with ICC Human Development 120

Course Fee: \$15

Child Development (H) is good for students interested in Early Childhood Education, Elementary Education, Pediatrics and child care. We will study the social, emotional, intellectual, and physical development of the child from conception through adolescents, and the theories of child development.

306 ADULT LIVING (H420)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Adult Living is designed to help students clarify their own values and begin deciding how to approach life as a responsible adult. Topics include: the life cycle, family life, dating, engagement, marriage, sex, family crisis, working, divorce, aging, death, drugs, and alcohol. Discussions help students work out their own values and give assistance with ways to handle circumstances they will be confronted with in life.

307 PARENTING (H425)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Orientation to Family and Consumer Sciences or teacher's approval

Offered To: Sophomores, Juniors and Seniors

Course Fee: \$15

Parenting is designed to help students think through the responsibilities, satisfactions, and stresses of parenthood and development of children ages birth through adolescence. This course is designed for students who wish to have careers dealing with children as well as those who wish to be parents someday. Focus will be on children from birth to teenagers. Communication, math, science, social

sciences, art, health, computers and related technologies are integrated throughout the course. Students organize and operate a nursery school at the end of the semester.

308 LIVING ENVIRONMENTS (H410) (INTERIOR DESIGN AND DECORATING)

Length of Course: One semester (offered on odd numbered years)

Credit Granted: One-half

Prerequisite: None

Offered To: Sophomores, Juniors and Seniors

Course Fee: \$15

Living Environments is designed to provide students with the basic knowledge and skills needed to select, acquire, maintain and manage residential housing to meet people's needs. Included in the course is the history of architecture and furnishings, the use of color and fabrics, building techniques, structural details, and practice in designing rooms for efficient, comfortable, and attractive use. The final project is designing and furnishing a room based on client's wishes and within a budget.

310 RESOURCE MANAGEMENT (H415)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Resource Management is a required Consumer Education course, which studies decision making for consumers using goals and resources available. The topics include: the economy, consumer rights and responsibilities, budgeting, banking, investments, credit, taxes, buying cars, insurance, and renting apartments. Concepts studied include consumer rights and responsibilities, financial management, and management of resources. This course meets the requirement for consumer education instruction as required by the School Code of Illinois (Section 27-12.1.)

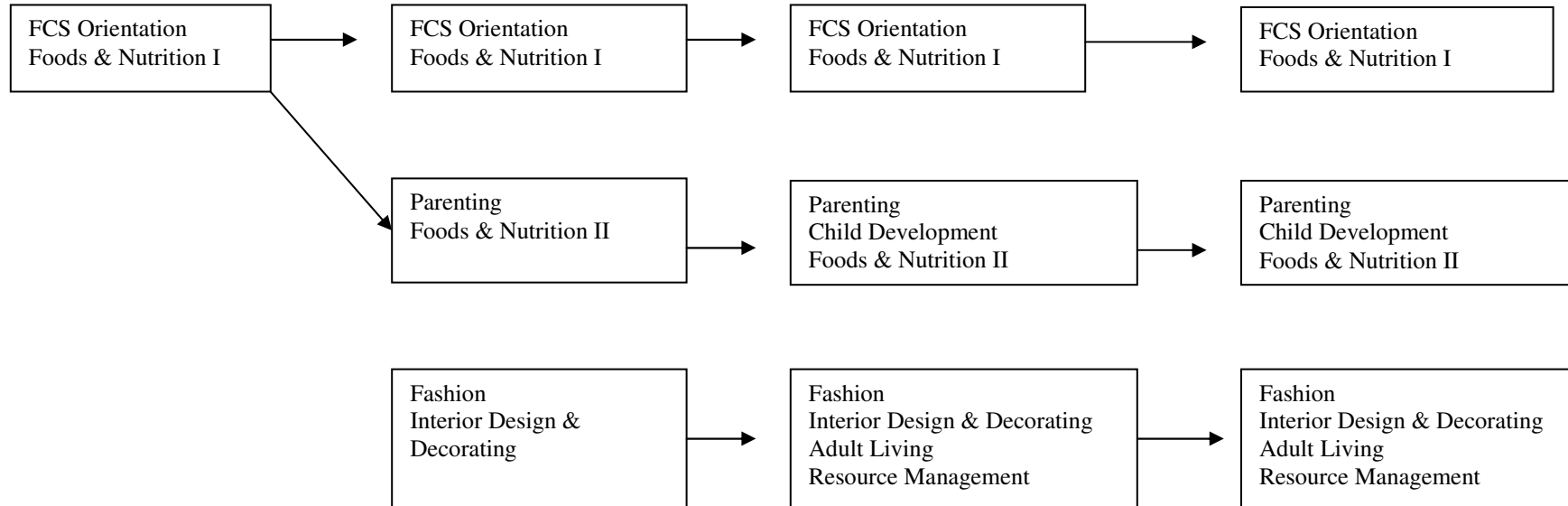
FAMILY & CONSUMER SCIENCE COURSE PROGRAM OF STUDY

FRESHMAN YEAR

SOPHOMORE YEAR

JUNIOR YEAR

SENIOR YEAR



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 LANGUAGES

251 FRENCH I

Length of Course: One year

Credit Granted: One per 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.

256 FRENCH II

Length of Course: One year

Credit Granted: One per year

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.

261 FRENCH III

Length of Course: One year

Credit Granted: One per year

Prerequisite: French I and II

Offered To: Juniors and 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.

267 FRENCH IV

Length of Course: One year

Credit Granted: One per year

Prerequisite: French I, II, and III

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

French IV 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.

268 FRENCH V

Length of Course: One year

Credit Granted: One per year

Prerequisite: French I, II, III and IV with a "B" average and teacher recommendation

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

The **French V** class will include advanced grammar with the majority of present tense regular and irregular verbs, all past tenses, future tense, special verb moods, technical vocabulary, and advanced sentence structure will be reviewed with emphasis placed on

thorough written and spoken application. Literary works such as “La Ficelle” by Maupassant and Le Petit Prince by St. Exupery will be read and discussed completely in French with all evaluations being in the form of short French essay answers.

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.

276 SPANISH II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I

Offered To: Sophomores, Juniors, and 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.

275 SPANISH II – (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: An “A” in Spanish I and 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.

281 SPANISH III

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I and II

Offered To: Juniors and 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.

277 SPANISH III (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I (Pre-AP) and Spanish II (Pre-AP) with grades of “A”

Offered to: Sophomores, Juniors, and 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.

286 SPANISH IV (H)

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

287 SPANISH IV (PRE-AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I, II (PRE-AP), and III (PRE-AP)

Offered To: Juniors and 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.

288 SPANISH V (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Spanish I, II (PRE-AP), III (PRE-AP), and IV (PRE-AP)

Offered to: Seniors

Spanish V 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.

289 CHINESE I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered to: All Students

Chinese I is an introduction to Mandarin Chinese. It is designed to develop four basic skills in Mandarin Chinese: listening, speaking, reading, and writing. Dual credit option with ICC is available.

290 CHINESE II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Chinese I

Offered to: All Students

Chinese II is a continuation of Chinese I with emphasis on listening, speaking, reading, and writing. The course is conducted primarily in Mandarin Chinese. Dual credit option with ICC is available.

291 CHINESE III

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Chinese I, Chinese II

Offered to: All Students

Chinese III is designed to develop integrated skills in reading, writing, listening, and speaking. The course is conducted primarily in Mandarin Chinese. Dual credit option with ICC is available.

293 CHINESE IV

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Chinese I, Chinese II, Chinese III

Offered to: All Students

Chinese IV is designed to develop integrated skills in reading, writing, listening, and speaking. The course is conducted primarily in Mandarin Chinese. Dual credit option with ICC is available.

292 ARABIC I

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered to: All Students

Arabic I is an introduction to Arabic. It is designed to develop four basic skills in Arabic: listening, speaking, reading, and writing. Dual credit option with ICC is available.

293 ARABIC II

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered to: All Students

Arabic II is a continuation to Arabic I with emphasis on listening, speaking, reading, and writing. The course is conducted primarily in Arabic. Dual credit option with ICC is available.

294 ARABIC III

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered to: All Students

Arabic III is designed to develop integrated skills in reading, writing, listening, and Speaking. This course is conducted primarily in Arabic. Dual credit option with ICC is available.

296 ARABIC IV

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Arabic I, II, & III with a grade of "C" or better

Offered to: All Students

Arabic IV is a continuation of Arabic III with emphasis on advanced conversation, reading, and composition. The course is conducted primarily in Arabic. Dual credit option with ICC is available.

INDUSTRIAL EDUCATION

361 INDUSTRIAL EDUCATION ORIENTATION I (I120)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$15

Industrial Education Orientation I is a series of units in Communication Technology and Transportation Technology. Each unit will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

Sub-units under Transportation include material handling, atmospheric and space transportation, marine transportation, terrestrial transportation, and computer uses in transportation.

364 WOOD PRODUCTION TECHNOLOGY I (I215)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Industrial Education Orientation

Offered To: All Students

Course Fee: \$15

Woods Production Technology I is a course designed to foster an awareness and understanding of manufacturing and construction. It encompasses the resources, technical processes, industrial application and technological impact of the production system. It may include an introduction to machine woodworking, wood identification, wood finishing, and experimentation. Students will develop knowledge and good practice of safety in using tools and machines. In addition to technical skills, course content will reflect the integration of academic and workplace skills.

374 WOODS TECHNOLOGY II

Length of course: One semester

Credit Granted: One-half

Prerequisite: Woods Technology I

Offered to: Sophomores, Juniors, or Seniors

Course Fee: \$15

Woods Technology II is an intermediate class in Woods Technology. It is a course designed to expand the student's knowledge in wood technology. Students will learn techniques and applications of different types of woods, joinery and finishing materials used in manufacturing and construction. They will then have the opportunity to design and build a project that will apply the techniques they have learned. Emphasis is also placed on learning to maintain and repair machines that are commonly found in most woodworking shops.

375/387 WOODS TECHNOLOGY III & IV

Length of course: May be taken for one or two semesters

Credit Granted: One-half per semester

Prerequisite: Woods Technology I and II

Offered to: Sophomores, Juniors, or Seniors

Course Fee: \$15

Woods Technology III & IV are advanced classes in Woods Technology. It is a course designed to allow the student to continue to expand their knowledge in wood technology. Students will work independently to design, problem solve and build a project that will demonstrate the student's knowledge of woods, joinery and finishing materials which are used in manufacturing and construction. Students in this class will also learn how to perform basic maintenance and repairs to woodworking equipment.

MATHEMATICS

	Grade 9	Grade 10	Grade 11	Grade 12
Academic Level	Applied Algebra I Year One Algebra I	Applied Algebra II Year Two Geometry	Applied Geometry Intermediate Algebra	Intermediate Algebra Concepts of Math Senior Math Algebra II
4 year College Level	Algebra I	Geometry	Algebra II	Trigonometry Pre-Calc Concepts of Math College Algebra Statistics (ICC) AP Statistics (H)
	Algebra I (H)	Geometry (H)	Algebra II (H)	Trigonometry Pre-Calc (H) AP Statistics (H) College Algebra Statistics (ICC)
4 Year College Level Math/Science Emphasis	Geometry (H)	Algebra II (H)	Trigonometry- Pre-Calculus (H)	Calculus I (H) Calculus II (H/AP) AP Statistics (H)

Notes: Students enrolled in Concepts of Math, Statistics, or College Algebra have the option to receive dual credit through Illinois Central College. Students must meet ICC requirements to be enrolled in these classes.

It is strongly recommended that students must maintain an A or B average in an Honor's level class to remain in Honors the following year.

401 APPLIED ALGEBRA I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Freshmen

Applied Algebra I is the first part of a two-year sequence for the Algebra I credit. 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.

402 INTERMEDIATE ALGEBRA

Length of Course: One-Year

Credit Granted: One-half per semester

Prerequisite: Applied Geometry or Geometry

Offered to: Juniors and 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.

406 APPLIED ALGEBRA II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Applied Algebra I

Offered To: Sophomores

Applied Algebra II is the second part of a two-year sequence for the Algebra I credit. Topics introduced in Algebra I will be reviewed and mastered. More advanced methods for factoring, graphing, and solving equations involving one or two variables are also included. Upon completion of this course, Applied Geometry or Geometry is recommended.

411 ALGEBRA I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Freshmen

Algebra I includes re-enforcement 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.

421 ALGEBRA II

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Algebra I or Algebra I (H), Geometry or Geometry (H)

Offered To: Sophomores, Juniors, and 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 may take Trig/Pre-Cal (H).

423 ALGEBRA II (H)

Length of Course: One year

Credit granted: One-half per semester

Prerequisite: Algebra I (H), Geometry (H)

Offered To: Sophomores, Juniors, and 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.

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: Juniors and 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, and 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: Freshmen, Sophomores, Juniors, and Seniors

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.

435 TRIG/PRE-CALC

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Geometry and Algebra II

Offered to: Juniors and 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 General Education Statistics 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 and Seniors

Trig/Pre-Cal (H) is a course designed as one that will give the student 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 Calc I (H) or Statistics (AP).

447 STATISTICS (AP)

Length of Course: One Year

Credit Granted: One-half per semester

Prerequisite: Trig/Pre-Calc (H) or Trig/Pre-Calc with teacher recommendation.

Offered to: Seniors

Statistics (AP) is a course designed as one that will give the student thorough preparation for college who intend to major in a math related field. It will involved 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)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Algebra II or Algebra II (H)

Offered To: Juniors and 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)

446 GEN. ED. STATISTICS (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Algebra II or Algebra II (H)

Offered To: Juniors and 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)

417 SENIOR MATH

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

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)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Algebra II or Algebra II (H)

Offered to: Juniors and Seniors

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 (ICC) option as Math 115 is available.**

466 CALCULUS I (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Trig/Pre-Cal (H)

Offered to: Seniors

Calculus I is designed for those high school students who intend to major in areas of college discipline where mathematics is an integral part of the curriculum. In general, the Calculus I content involves analysis of algebraic formulas and practical applications of algebraic equations in problem solving. Also included are graphing techniques, understanding concepts and development of empirical ideas, computer applications, beginning calculus - the derivative and the anti-derivative.

467 CALCULUS II (AP)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Calculus I (H)

Offered to: Seniors

Calculus II is a continuation of ideas explored in Calculus I and is for the student who desires to sit for the Advanced Placement Exam for Calculus A/B. Content will focus on theory and development of the derivative and the techniques of integration. Logarithmic, exponential and other transcendental functions will be included in the discussion of the derivative and anti-derivative. Students have the option to take the Advanced Placement exam in order to receive additional credit from their university of choice.

MUSIC

501 BAND

Length of Course: One Year

Credit Granted: One quarter per semester. Two credits may count towards graduation.

Prerequisite: Prior enrollment in band.

Offered To: All students

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 FRESHMAN BAND

Length of Course: One year

Credit Granted: One quarter per semester. Two credits may count towards graduation.

Prerequisite: Prior enrollment in band.

Offered to: All 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 possibly perform a small show for a soccer 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, two credits may count towards graduation.

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, two credits may count towards graduation

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

Offered to: All students

Orchestra is a performance based ensemble that focuses on 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 and ensemble contests. Students are encouraged to repeat the course each year.

506 FLAG CORPS

Length of Course: One semester

Credit Granted: One-quarter per semester, two credits may count towards graduation

Prerequisite: None

Offered to: Sophomores, Juniors, and Seniors

Flag Corps students perform in parades, field shows, and other events as an integral part of the upper level marching band. The students utilize various materials and equipment in their performances and travel with the upper level marching band.

509 WOMEN'S CHORALE

Length of Course: One year

Credit Granted: One quarter per semester, two credits may count towards graduation.

Prerequisite: Concert Choir

Offered to: Upperclassmen demonstrating proper choral fundamentals no auditions required.

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. Two credits may count towards graduation.

Prerequisite: Concert Choir

Offered to: Upperclassmen demonstrating proper choral fundamentals and those participating in Madrigals, Court Singers, and/or Show Choir. 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, two credits may count towards graduation.

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: None

Offered To: Sophomores, Juniors, and 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: Music Theory I

Offered To: Sophomores, Juniors, and Seniors

Music Theory II is the continuation of Music Theory I in the study of writing and analyzation of music.

PHYSICAL EDUCATION/HEALTH/DRIVER EDUCATION

554 PHYSICAL EDUCATION-1st semester

555 PHYSICAL EDUCATION-2nd semester

Length of Course: One semester

Credit Granted: One quarter

Prerequisite: None

Offered to: All students

Course Fees: PE Shorts: \$10; PE Shirts: \$5; PE Lock \$5

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 and do required observations and written work. Students exempt from Physical Education from one week to three weeks may be assigned to study hall and may upon returning be required to make-up missed work by participation in additional Physical Education classes or make-up missed class work after school. Junior and Senior athletes may also be exempt if requested and approved by coach and counseling department.

551 WEIGHTS – (1ST Semester) – Football (Only for students who are on the football team)

552 WEIGHTS – (2ND Semester) – Football (Only for students who are on the football team)

558 WEIGHTS – (1ST Semester) CO-ED

559 WEIGHTS – (2ND Semester) CO-ED

Length of Course: One Semester

Credit Granted: One Quarter

Prerequisite: None

Offered to: All Students

Course Fees: PE Shorts: \$10; PE Shirts: \$5; PE Lock \$5

Weightlifting is a semester long course offered both first and second semester. The course will emphasize core lifting, flexibility, agility, and speed improvement. Athletes will not be allowed to exempt from this course while involved in their respective athletic season.

556 DANCE – 1st Semester

557 DANCE – 2nd Semester

Length of Course: One Semester

Credit Granted: One quarter

Prerequisite: None

Offered to: All students

Course Fees: PE Shorts: \$10; PE Shirts: \$5; PE Lock \$5

Dance is a semester long class offer both first and second semester. The purpose of the class is to help the students achieve better physical fitness and coordination necessary to become comfortable dancers. During the semester the students will be introduced to a variety of dance disciplines emphasizing Jazz, Tap, and Ballet but including Hip Hop, Swing, Country Line Dance, and others. The semester will culminate with a group project in which the students will choreography their own piece. Students will need to purchase a pair of black dance capris and a dance t-shirt from the school. All dance shoes are supplied by the school.

560 HEALTH

Length of Course: One semester

Credit Granted: One-half per semester

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 CPR/First Aid training.

566 DRIVER EDUCATION (B.T.W.)

567 DRIVER EDUCATION (CLASSROOM)

Length of Course: Classroom Driver Education meets five days a week for nine weeks. Behind-the-Wheel driving for a minimum of six hours.

Credit Granted: One-quarter per semester

Prerequisite: None

Offered To: Sophomores basically, but also others. Students must meet state academic law in order to take classroom driver education course.

Driver Education is offered to students who are at least 15 1/2 years of age or have sophomore standing. To do the Behind-the-Wheel driving, students must have a learner 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. 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. When 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 (.500 credit) classes during the two preceding semesters before enrolling in Driver Education (classroom).

PRE-ENGINEERING

365 PRE-ENGINEERING MECHANICAL DRAWING (I240)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$15

Pre-Engineering Mechanical Drawing is an advanced course designed for the student who is going to go into engineering. The student will need a good math background and some previous experience with computers to enable the student to succeed in this class. The student will spend time doing mechanical drawing and learning the CAD system. Some of the areas that may be covered are orthographic projection, pictorial drawing, sectioned views, auxiliary views, and standard dimensioning practices. Students will develop knowledge and good practices of safety procedures. In addition to technical skills, course content will reflect the integration of academic and workplace skills.

366 PRE-ENGINEERING ARCHITECTURAL DRAWING (I241)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: All Students

Course Fee: \$15

Pre-Engineering Architectural Drawing will be spent studying architecture. Some of the areas that may be covered are floor plans, interior design, renderings, structure, and architectural styles. The student will also be expected to continue using the CAD system to develop his computer skills. Students will develop knowledge and good practices of safety procedures. All learning experiences are designed to allow the students to acquire job entry skills and experience. In addition to technical skills, course content will reflect the integration of academic and workplace skills.

397 PRINCIPLES OF ENGINEERING (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

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.

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

Introduction to Engineering Design 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.

399 DIGITAL ELECTRONICS (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

Digital Electronics 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 de-multiplexers.

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: All Students

Engineering Design & Development 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
Science Scope and Program of Study

Professional/Science 4 Year	Biology (H)	Chemistry (H)	Physics (H) AP Biology	AP Chemistry AP Biology
4 Year College	Biology	Chemistry Physical Science	Physics (1) Environmental (.5) Earth Science (H) DC (.5) Horticulture (.5) Animal (.5) Chemistry (1) Health Science (.5) Biology DC (.5)	Physics (1) Environmental (.5) Earth Science (H) DC (.5) Horticulture (.5) Animal (.5) Chemistry (1) Health Science (.5) Biology DC (.5)
2 Year Workforce	Biology	Physical Science (1) Chemistry	Animal Science (.5) Horticulture (.5) Health Science (.5) Environmental (.5)	Animal Science (.5) Physical Science (1) Horticulture (.5) Health Science (.5) Environmental (.5)

608 ENVIRONMENTAL SCIENCE II (A340)

Length of Course: One semester

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Juniors and Seniors

Environmental Science II will focus on the Biological, Physical, and Earth Science elements involved in Environmental Science. Units will focus on the problems and situations involved in ecology, population, pollution, resource conservation and wildlife management.

611 BIOLOGY I

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: All Levels

Biology I is a lecture, lab oriented science course. In Biology I, the student will study the nature of life as well as the development of plants and animals. Both laboratory experiences and lecture time are used. Special projects may be included as part of the course requirements.

612 BIOLOGY I (HONORS)

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 and Transferred Sophomores

Biology I (Honors) 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, as well as both plants and animals.

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 and Seniors

Advanced Placement Biology 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.

AP Biology 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.

617 ADVANCED BIOLOGY II (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: Biology I

Offered To: Juniors and Seniors

Advanced Biology II (H) is a four-credit dual credit course with ICC. This course presents an investigation of the human organism on the cellular, histological, and organ system level of development.

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) and Geometry (or concurrent enrollment)

Offered To: Sophomores, Juniors, and 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, electrochemistry, and organic chemistry.

624 CHEMISTRY (HONORS)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Biology, Algebra I ("B" or better) or Algebra I (H), and Geometry/Geometry H or concurrent enrollment

Offered To: Sophomores, Juniors, and Seniors

Chemistry (Honors) 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, reaction energy, equilibrium, electrochemistry, and organic chemistry.

621 EARTH SCIENCE (H)

Length of Course: One semester

Credit Granted: One-half

Prerequisite: One year of life science, one year of physical science

Offered To: Juniors and Seniors

Earth Science (H) is a four-credit dual credit course with ICC. The objective of the course is to obtain knowledge of basic concepts in geology, oceanography, meteorology and astronomy.

622 HEALTH SCIENCE

Length of Course: One semester

Credit Granted: One-half

Prerequisite: A physical science course and a biological science course

Offered to: Juniors and Seniors

Health Science is a one-semester course, which covers concepts associated with current medical care professions, and medical care facilities.

625 PHYSICS

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completion of Chemistry or Physical Science & Geometry concurrent enrollment in Algebra II or higher

Offered to: Juniors or 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 B (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Completion of Physics

Offered to: Seniors

Physics B (AP) is class that provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry, but rarely calculus. In most colleges, this is a one-year terminal course including a laboratory component. The course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science.

607 PHYSICAL SCIENCE

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Biology I and Algebra I, or Algebra I (E) 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, or 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.

636 ADVANCED CHEMISTRY (AP)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: Chemistry (H), Algebra II (H), Trigonometry/Pre-Cal (Honors) (with a minimum of a B (80) – average in each teacher recommendation) and concurrent registration in Calculus I (H)

Offered To: Seniors

The **Advanced Placement Chemistry** 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.

Please note: Additional Science courses may be found under Agriculture Department.

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 five themes of geography and comparing world cultures, governments and economies to that of the United States.

706 U.S. HISTORY (B)

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Juniors and Seniors

U.S. History (B) is a general course that has a slower pace than the regular U.S. History survey course. Although covering the same content it does not require the same degree of in-depth study of topics. Entrance is reserved for those students with demonstrated difficulty in the Social Studies areas. This course may not qualify as a college prep unit as determined by the individual college/university.

711 U.S. HISTORY

Length of Course: One year

Credit Granted: One-half per semester

Prerequisite: None

Offered To: Juniors and Seniors

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, economical, and political history of the United States from the Revolutionary War Era to the present.

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 and Seniors

Advanced Placement U.S. History 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.

721 CIVICS B

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Civics (B) is a course which covers the same general material as the Civics course but at a slower pace. Also, it will concentrate more on the aspect of citizenship than does the Civics course. Entrance into Civics B is reserved for those students who have demonstrated difficulty in the Social Studies area. The course will present the material for the state-required tests on the U.S. Constitution and Illinois Constitution. This course may not qualify as a college prep units as determined by the individual college/university.

726 CIVICS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Civics is required of all students not taking the Civics B course. 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. A study of current International news events is expressed.

WORLD HISTORY COURSES

There are three courses in the World History series. **These courses can be taken in any sequence which the student wishes** but it would be preferable if the students took World History I first followed by World History II and culminating with World History III.

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 Middle Ages of Western Europe. Included would be Egyptian, Greek, Roman, Indian, Chinese, Mesopotamian, Byzantine, and Hebrew cultures. This course can be taken in any World History I, II or III sequence.

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 (approximately 1000 AD) through approximately 1870 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 French Revolution, the American Indians, the emergency of Western European nations as world leaders, and the development of Asian societies. This course can be taken in any World History I, II or III sequence.

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 I, causes of 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.

751 ECONOMICS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Economics is offered as an introductory course to economics theory. The course is designed for those students who have a need for basic economic concepts of finance, taxation, government economic policy, and comparative economic systems. Various economic principles of the free-enterprise system will be covered. This course is offered every other year.

752 CURRENT EVENTS

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Current Events will introduce students to the use of critical thinking skills and constructs in the study and analysis of current events. The student's study and examination of current events is intended as a vehicle to improve student-thinking skills related to critical reading and writing. The course will have a heavy Internet and technological component. Students will use the Internet to search for useful information about topics they investigate, learning in the process how to use the Internet for research. Students will also use Power Point to make presentations to their classmates about their investigations. Students will finish the course by writing a paper that is culmination of in depth research about an opinion column, major news story or other topic of their choice with instructor approval.

756 SOCIOLOGY

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and 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. Essential questions for three units are:

Why should we study society? What will society teach us?

Who or what influences who we are and/or what we become?

What are the benefits and challenges of a diverse society?

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: Seniors

The **Advanced Placement Psychology** 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 sub fields 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.

747 GLOBAL STUDIES

Length of Course: One semester

Credit Granted: One-half

Prerequisite: None

Offered To: Juniors and Seniors

Global Studies provides students with the knowledge, and skills necessary for them to live in an increasingly interdependent and complex global society. Topics include, but are not limited to the following: current economic conditions of a variety of nations throughout the world, political conditions of a variety of nations throughout the world, the impact of historical events upon the economic development of a nation, an examination of current cultural trends throughout nations of the world, the role of technology in a global society, the principles of free trade, and engage in global teaming simulations.

WORK BASED LEARNING – WBL

Work Based Learning (WBL) links secondary and post secondary 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 work. Work based learning students come to realize the connection between school and living productive lives. Competency based work based learning experiences include paid and non-paid internships, occupational/technical labs, and related high school course work. Many work based learning programs also include additional career exploration activities like job shadowing, speakers, field trips, and workshops. Benefits to work based learning are numerous. Both educators and business sponsors provide students with the employability and career related skills they need to be productive members of the workforce. Thus, work based learning programs serve as a vital link between education and careers.

P.E.R.F.E.C.T. Tazewell County Area Education For Employment and the Central Illinois Vocational Education Cooperative (CIVEC) have partnered to provide Central Illinois 11th and 12th grade high school students with region wide work based learning programs. Visit the high school guidance office for more information.

Both juniors and seniors are eligible to apply for work based learning programs. Work based learning program information and application forms can be found at www.perfectpeoria.com or in the high school guidance department. The deadline for applications is March 1. Check with the guidance counselor for deadline information.

WORK BASED LEARNING PROGRAMS

378 Automotive Fundamentals – This program provides students with instruction in shop safety, automotive electronics, brake systems, suspension and steering, and engine performance. Students who successfully complete the program will be prepared for entry-level positions in the automotive industry or continued education in related programs. Students may earn up to 6 credit hours per semester

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.

390 Criminal Justice – This program offers an excellent opportunity for students to explore careers in corporate security, loss prevention, risk management and others. Students selected for this program will receive introductory training in the Criminal Justice System as well as Industrial & Business Security. Successful participants will be “job ready” at the completion of this program by fulfilling licensing standards as a security guard with the State of Illinois. This program is one semester in length with students earning 6 credit hours upon successful completion.

Early Childhood Education – This program is designed to provide students with instruction in early childhood education through lecture, discussion, reflection, and hands-on experience. Students in the program will study the development of children, importance of play in the growth of young children, and how teachers make connections to support the continued growth and development of children. In addition to classroom instruction, students will participate in an internship in pre-kindergarten classrooms at Valeska Hinton Early Childhood Center, Pre-K STAR classrooms, and other childcare centers throughout the community to apply classroom instruction to real life experiences. Students may participate for one year.

389 – EMT-Basic – This program is designed to prepare students to provide care to victims of medical and traumatic emergencies in and out of hospital settings. Students who complete this program will be eligible for licensure through the Illinois Department of Public Health, as well as certification through the National Registry of Emergency Medical Technicians. Students may participate one semester in this program, earning up to 6.5 credit hours.

394 Graphic Design – This program provides a foundation in practices, techniques, processes, terminology, theory and aesthetics of graphic design through hands-on projects and career exploration activities. Instruction, demonstration and practical skills development employ industry-standard software including Adobe Photoshop, Adobe InDesign, QuarkXpress, Adobe Illustrator, Kai’s PowerShow, and others. Students participate for one semester and earn 6 hours of credit.

386 Health Occupations – Participates 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 health care setting. This program is one semester in length. Students will earn 7.5 credit hours upon completion.

CAREER CLUSTERS

WHAT ARE CAREER CLUSTERS?

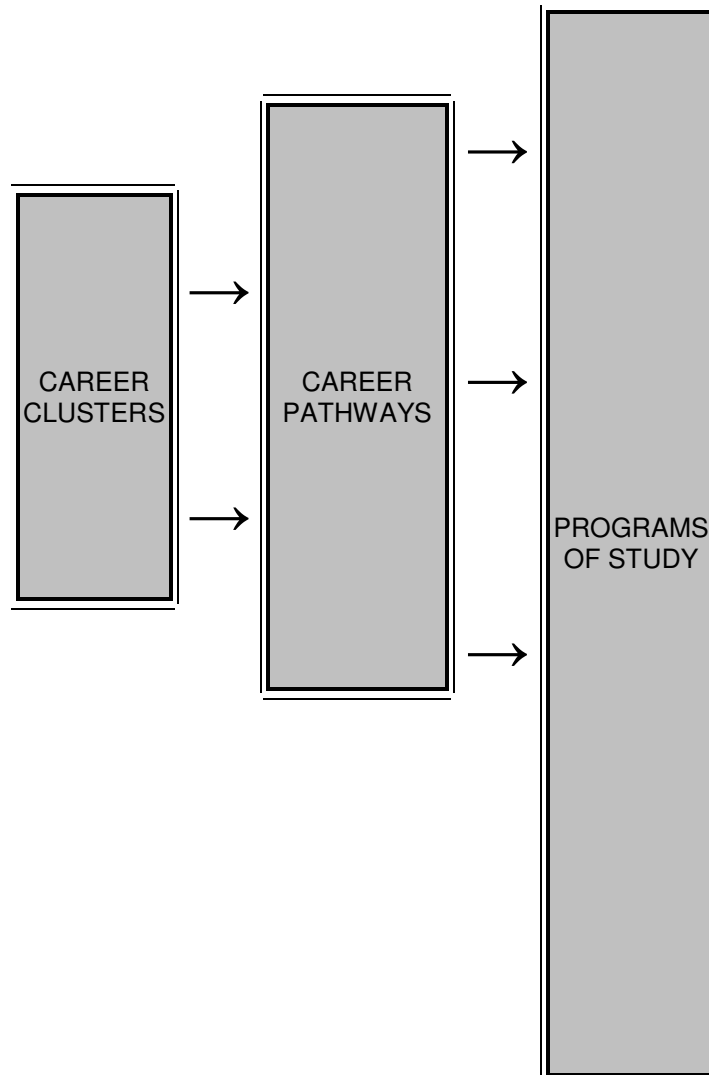
Career Clusters are groups of occupations and industries that have in common a set of foundational knowledge and skills. There are 16 nationally recognized clusters within which are multiple Career Pathways.

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 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
- Drafting
- 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 provide 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 foodservices, 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.

Talk to your Guidance Counselor about Career Clusters.

