

# **DESCRIPTION OF COURSES**

FOR

KEWANEE HIGH SCHOOL

2007 - 2008

## AGRICULTURAL EDUCATION COURSE SEQUENCE

### FRESHMEN

Introduction to the Agricultural Industry  
Supervised Agricultural Experience I

### SOPHOMORES

Agricultural Science  
Supervised Agricultural Experience I

### JUNIORS

Agricultural Mechanics and Technology  
Agricultural Construction  
Biological Science Applications in Agriculture (BSAA)  
Interrelated Cooperative Education (Work Program)  
Physical Science Applications in Agriculture (PSAA)  
Agricultural Business Management  
Horticultural Production and Management  
Landscaping and Turf Management  
Supervised Agricultural Experience II

### SENIORS

Agricultural Mechanics and Technology  
Agricultural Construction  
Biological Science Applications in Agriculture (BSAA)  
Interrelated Cooperative Education (Work Program)  
Physical Science Applications in Agriculture (PSAA)  
Agricultural Business Management  
Horticultural Production and Management  
Landscaping and Turf Management  
Supervised Agricultural Experience II

Course Title: Agricultural Business Management

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Agricultural Business Management is an elective course. **A student will fulfill the graduation requirement for Consumer Education by completing this full year course.** This capstone course is designed to develop student skills in the areas of advanced agricultural business procedures, establishment of agricultural economic base. The class will develop its own agribusiness. Each step of development will be practiced from market research to manufacturing and from finance to sales/marketing. Different business structures will also be discussed. Students will learn concepts of being a responsible, smart consumer, and will learn how to make life decisions. Leadership skill development is an integral part of this program and is delivered through career and technical student organization (FFA) activities. Individualized instruction and learning reinforcement are provided through SAEPs maintained by each student.

Course Title: Agriculture Construction and Technology (A245)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: None

Credit: 2

Term(s): full year

Course Description: Agricultural Construction and Technology is an elective course. This advanced course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blue print reading, surveying, construction skills in carpentry, plumbing, electricity, block laying, drywall, and painting. Careers such as agricultural engineers, carpenter, plumber, electrician, concrete and block layers, finishers, safety specialists, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

Course Title: Agricultural Mechanics and Technology (A215)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Agricultural Mechanics and Technology is an elective course. This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry and already introduced in the Basic Agricultural Mechanics problem areas. Units of instruction should provide applications within the following integrated systems: Machinery and equipment; environmental/natural resources; structures; energy; and industrial/marketing. Examples of units that may be included are design, construction, fabrication, and maintenance; welding; electricity/electronics; internal combustion engines; hydraulics; environmental/natural resources management; and employability skills. Microcomputer applications are utilized as they relate to each instructional unit. Because FFA and SAE are integral components of this course, students are encouraged to maintain SAEP's and participate in activities of the FFA organization.

Course Title: Agricultural Science (a110)

Grade Level: 10

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Agricultural Science is an elective course. Students will learn and apply concepts through hands-on learning laboratories and group projects. Students are encouraged to participate in career development events on related topics. This orientation course builds on the basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include advanced plant science, soil science, animal science, and agricultural mechanics. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. The development of leadership, employability and computer skills will also be taught. Because FFA and SAEPs are integral components of this course, students are encouraged to maintain SAEPs and to participate in activities of the FFA organization.

Course Title: Auto Mechanics II (I435.12)

Grade Level: 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2

Term(s): full year

Course Description: Auto Mechanics II will focus on more advanced technical skills, which are necessary to deal with today's rapidly changing automotive industry. Students will gain experience in engine, drive train, suspension, brake, and subsystem repairs. Continued emphasis will be placed on electronic engine management system diagnosis and repair. Students will learn to use sophisticated diagnostic equipment, which is designed to solve service problems encountered with today's vehicles. The automotive service technician of tomorrow will not only have to work with his hands, but also with his head. This course may be offered as a dual credit option with a shared instructor through Black Hawk College.

Course Title: Biological Science Applications in Agriculture/Plant and Animal Science (A220/A225)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: Biology

Credit: 2 credits

Term(s): full year

Course Description: Biological Science Applications in Agriculture/Plant and Animal Science is an elective course. **This course will count as one year of science requirement for graduation.**

Biological Science Applications in Agriculture - Plant Science is a course designed to reinforce and extend student's understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts the govern management decisions. The one-semester course will deepen students' understanding of science as content and as a process through the use of numerous laboratory exercises and experiments. Students can also establish SAEPs and participate in agricultural science activities of the FFA.

One year of biology is recommended as a prerequisite to enrollment. In Biological Science Applications in Agriculture students will apply their knowledge of biology to management decisions and practices in agriculture. Sample topics include: (1) initiating plant growth- germination, plant sensory mechanisms, enzyme action, absorption, and (2) managing plant growth - photosynthesis, respiration, translocation, metabolism, and growth regulation.

Biological Science Applications in Agriculture - Animal Science is a course designed to reinforce and extend students' understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of animal agriculture and specific biological science concepts that govern management decisions in the animal industry. This one-semester course will deepen students' understanding of science as content and as a process through the use of numerous laboratory exercises and experiments. Students can also establish SAEPs and participate in agricultural science activities of the FFA.

One year of biology is recommended as a prerequisite to enrollment. In Biological Science Applications in Agriculture, students will apply their knowledge of biology to management decisions and practices in agriculture. Sample topics include: (1) growth and development of animals - embryology, ethnology, nutrition, immunity systems; and (2) processing animal products-preservation, fermentation, and pasteurization.

This course will enhance student achievement in the basic learning area of biology as specified in the Illinois Learning Standards.

Course Title: Horticulture Production & Management (A260)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Horticulture Production and Management is an elective course. This course concentrates on two important areas of horticulture. Major units of study include growing greenhouse crops, producing nursery crops, designing floral arrangements, operating a flower shop, and operating a garden center. Agribusiness units will be introduced in merchandising, advertising and displaying horticultural products, as well as selling horticultural products and services. Leadership skill development is an integral part of this program and is delivered through career and technical student organization (FFA) activities. Individualized instruction and learning reinforcement are provided through SAEPs maintained by each student.

Course Title: Interrelated Cooperative Education (Z401)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 4 credits

Term(s): full year

Course Description: Agricultural Cooperative Education is an elective course. It is designed for juniors and seniors interested in pursuing careers in agriculture. Students are released from school for the paid cooperative education work experience. They participate in 200 minutes per week of related classroom instruction focusing on job survival skills, career exploration skills related to the job, and human relations skills.

A qualified agricultural instructor is responsible for supervision and is given 30 minutes per student per week to do so. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student and employer assume compliance with federal, state, and local laws and regulations. Students are expected to keep a record of their work experience and earnings and keep a savings account.

The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job seeking skills, personal development, human relationship, legal protection and responsibilities, economics of the job, organization and job termination.

Course Title: Introduction to the Agricultural Industry (A100)

Grade Level: 9

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Introduction to the Agricultural Industry is an elective course. Students will learn about agricultural concepts in the classroom and then will apply that knowledge in labs and hands-on activities. This orientation course 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. Basic concepts in animal science, plant science, horticulture, natural resources, agribusiness management, agricultural mechanics, agricultural biotechnology, food science technology, environmental science and aqua-cultural science and technology will be presented. The development of leadership, employability and computer skills also will be taught. Because FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs and encouraged to participate in activities of the FFA organization.

Course Title: Horticulture Production & Management (A260)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Horticulture Production and Management is an elective course. This course concentrates on two important areas of horticulture. Major units of study include growing greenhouse crops, producing nursery crops, designing floral arrangements, operating a flower shop, and operating a garden center. Agribusiness units will be introduced in merchandising, advertising and displaying horticultural products, as well as selling horticultural products and services. Leadership skill development is an integral part of this program and is delivered through career and technical student organization (FFA) activities. Individualized instruction and learning reinforcement are provided through SAEPs maintained by each student.

Course Title: Interrelated Cooperative Education (Z401)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 4 credits

Term(s): full year

Course Description: Agricultural Cooperative Education is an elective course. It is designed for juniors and seniors interested in pursuing careers in agriculture. Students are released from school for the paid cooperative education work experience. They participate in 200 minutes per week of related classroom instruction focusing on job survival skills, career exploration skills related to the job, and human relations skills.

A qualified agricultural instructor is responsible for supervision and is given 30 minutes per student per week to do so. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student and employer assume compliance with federal, state, and local laws and regulations. Students are expected to keep a record of their work experience and earnings and keep a savings account.

The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job seeking skills, personal development, human relationship, legal protection and responsibilities, economics of the job, organization and job termination.

Course Title: Introduction to the Agricultural Industry (A100)

Grade Level: 9

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Introduction to the Agricultural Industry is an elective course. Students will learn about agricultural concepts in the classroom and then will apply that knowledge in labs and hands-on activities. This orientation course 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. Basic concepts in animal science, plant science, horticulture, natural resources, agribusiness management, agricultural mechanics, agricultural biotechnology, food science technology, environmental science and aqua-cultural science and technology will be presented. The development of leadership, employability and computer skills also will be taught. Because FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs and encouraged to participate in activities of the FFA organization.

Course Title: Landscaping and Turf Management (A255)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Landscaping and Turf Management is an elective course. This advanced course focuses on the landscape, nursery and turf segments of the horticulture industry. Units of study include: identifying landscape plants, designing landscape plans, hardscape construction techniques, and installing landscape plants. Also included are nursery production, turf grass production, small engine repair, and maintenance of existing landscapes. Agribusiness units will cover calculating prices for work, managing a horticultural business, advertising, and sales. Leadership skill development is an integral part of this program and is delivered through career and technical student organization (FFA) activities. Individualized instruction and learning reinforcement are provided through SAEPs maintained by each student

Course Title: Physical Science Applications in Agriculture I & II (A230/A235)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: 1 year of science and math

Credit: 2 credits

Term(s): full year

Course Description: **Physical Science Applications in Agriculture (PSAA) is an elective course, which can meet one year of the science requirement for graduation.** PSAA is a course which reinforces and extends students' understanding of science and the scientific process by associating scientific principles and concepts with relevant applications in agriculture. Students will examine specific agricultural applications and processes and the underlying science principles explaining or controlling those applications. Numerous laboratory exercises and experiments will deepen students' understanding of scientific and agricultural content in this one-semester course while actively involving students in the scientific process. Students can also establish SAEP's and participate in agricultural science activities of the FFA.

One year of high school science and math, preferably physical science and algebra, is recommended as a prerequisite to enrollment. This course will require the application of science and mathematics to applications/processes in agriculture. Sample topics include: (1) Agriculture Power Systems-energy, force, work, torque; and (2) Environmental/Natural Resource Systems-infiltration, percolation, turbidity, and universal soil loss.

Physical Science Applications in Agriculture II (PSAA II) is a course which reinforces and extends students' understanding of science and the scientific process by associating scientific principles and concepts with relevant applications in agriculture. Students will examine specific agricultural applications and processes and the underlying science principles explaining or controlling those applications. Students can also establish SAEPs and participate in agricultural science activities of the FFA. PSAA II is a complementary course to the PSAA I course.

This course will require the application of science and mathematics to applications/processes in agriculture. Sample topics include: (1) Agricultural Structural Systems - compression, shear levers and pulleys, psychometrics, tempering annealing, cooling; and (2) Agricultural Processing Systems - specific heat, pressure, boiling point, coagulation, food testing, thickening agents, and vaporization.

This course will enhance student achievement in the basic learning area of physical science as specified in the Illinois Learning Standards.

Course Title: Supervised Agricultural Experience II (Independent Study) (A297)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Supervised Agricultural Experience (Independent Study) is an elective course. This experience program is for 11th and 12th grade agricultural students. The opportunities and responsibilities are similar to those in Supervised Agricultural Experience I with the exception that the experiences are conducted at a more advanced level of skill training. The project should be expanded as the student progresses through the agricultural program. Consent of instructor is required.

Course Title: Supervised Agricultural Experience I (Independent Study) (A197)

Grade Level: 9, 10

Department: Career and Technical Education

Prerequisite: none

Credit: 1 credit

Term(s): one semester

Course Description: Supervised Agricultural Experience is an elective course. This is an independent study experience program for students in the 9th and 10th grades. Students receiving career and technical credit in this area must be enrolled in an approved agricultural program sequence. Individual students will have a minimum of one approved project or acceptable plans for a project. Supervised study, project record book work, training plans and agreements, report writing, and instructor project visitation and supervision are essentials of the supervised agricultural experience. Consent of instructor is required.

## ART COURSE SEQUENCE

### FRESHMEN

Beginning Art

### SOPHOMORES

Beginning Art

Art II

### JUNIORS

Beginning Art

Art II

Art III

### SENIORS

Beginning Art

Art II

Art III

Art IV

Course Title: Art II

Grade Level: 10, 11, 12

Department: Art

Prerequisite: Beginning Art (full year) and Teacher's Recommendation

Credit: 2 Credits

Terms: Full year

Course Description: Art II is an elective course. It is a concentrated study of all areas covered in Beginning Art. Added to the year will be Ceramics, Printmaking, Computer Graphics and Colored Pencil. Both semesters must be passed before a student can enroll in Art III.

<u>Drawing</u>	line, shading, still life, perspective, portrait
<u>Color Theory</u>	value, color harmonies
<u>Painting</u>	watercolor and tempera
<u>Pastels</u>	still life, abstract still life, and landscape
<u>Pen &amp; Ink (Crowquill)</u>	wildlife, vegetation, and still life
<u>Graphic Design</u>	"Design an Ad", poster design
<u>Computer Graphics</u>	design, lettering, color usage
<u>Lettering</u>	poster, banner
<u>Crafts</u>	glass etching, copper, nature
<u>Ceramics</u>	poured, hand built
<u>Printmaking</u>	block
<u>Colored Pencil</u>	shading, still life
<u>Art History</u>	Surrealism

Course Title: Art III & IV

Grade Level: 11, 12

Department: Art

Prerequisite: Beginning Art (1 year), Art II (1 year), Teacher Recommendation

Credits: 2 credits

Terms: One Year

Course Description: Art III and IV allow students to concentrate on their chosen area of art in and independent manner. Advanced work can be done in the following areas:

Drawing	figure, still life, perspective, wildlife, landscape
Color Theory	value, color harmonies
Painting	watercolor, tempera, acrylic, and oil
Pastels	still life, abstract still life, landscape, and portrait
Pen & Ink	wildlife, vegetation, still life, portrait, and scratchboard
Graphic Design	“Design an Ad” poster design
Computer Graphics	design, lettering, color usage
Lettering	poster, banner
Crafts	glass etching, copper, and nature
Ceramics	poured, hand built
Sculpture	3-D materials, metal
Printmaking	block, etching
Colored Pencil	still life, landscape, and portrait
Art History	Internet research

Use of Adobe Photoshop and other computer programs will be emphasized. Junior students are responsible for a play poster, program, and stage set and Prom decorations. Senior students are responsible for a play poster, program, and stage set and Homecoming Dance decorations. A portfolio for senior art students will be prepared for those interested in college applications.

Course Title: Beginning Art

Grade Level: 9, 10, 11, 12

Department: Art

Prerequisite: None

Credit: 2 credits

Term(s): Full year

Course Description: Beginning Art is an elective course. It consists of two semesters of basic preparation and introduction to the following areas of art:

<u>Drawing</u>	line, shading, still life, perspective
<u>Color Theory</u>	color chart, value, and complementary colors
<u>Painting</u>	watercolor and tempera
<u>Pastels</u>	still life, abstract still life, and landscape
<u>Pen &amp; Ink (Crowquill)</u>	shading techniques, cartoon and wildlife
<u>Graphic Design</u>	elements of design, "Design An Ad", poster design
<u>Lettering</u>	Gothic, Roman, Serifs, and decorative
<u>Crafts</u>	glass etching, ceramics

Art History (Prehistoric – Renaissance) is covered during both semesters. Some computer elements are included in Graphic Design, Lettering, and Crafts. A passing grade in both semesters of this course is required before a student may be eligible for Art II

## BUSINESS COURSE SEQUENCE

### FRESHMEN

Keyboarding/Word Processing I

### SOPHOMORES

Keyboarding/Word Processing I

Keyboarding/Word Processing II

### JUNIORS

Keyboarding/Word Processing I

Keyboarding/Word Processing II

Computer Concepts

Accounting

Junior Achievement's Business Economics

Entrepreneurship

### SENIORS

Keyboarding/Word Processing I

Keyboarding/Word Processing II

Computer Concepts

Accounting

Junior Achievement's Business Economics

Entrepreneurship

Course Title: Accounting

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: Some math skills

Credit: 2 credits

Term(s): One year

Course Description: Accounting is an elective course. It is a skill level course that is of value to all students pursuing a background in business activities. Accounting involves keeping financial records, preparing financial reports, and analyzing these records and reports to help management make sound decisions.

Accounting uses cash journals, sales journals, purchase journals, payroll journals, and general journals. Students will understand basic principals of debits and credits, use of various ledgers, customer and creditor accounting, and depreciation.

Within the class framework, students will complete two projects and several practice sets.

Course Title: Junior Achievement/Business Management and Ownership

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): One year

Course Description: Business Ownership and Management is an elective class. As part of our Junior Achievement program at the high school level students will learn the principals of single proprietorship, partnerships, and corporations. Material covered are the factors of production, banking activities, financial statements, production and distribution of goods, supply and demand, stock market procedures, the money supply, business accounting, the federal reserve, and other various economic issues.

Because this class in part of Junior Achievement there is a class consultant assigned. This consultant is a local business person that comes in every week to discuss the area the class is covering. This consultant brings the real world to the class.

Course Title: Computer Concepts

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: One year of successful completion of Keyboarding I/Word Processing I

Credit: 2 credits

Term(s): One year

Course Description: Computer Concepts is an elective course. The majority of assignments are performed in class, making class attendance of major importance. Specific units of instruction include word processing, spreadsheets, database, merging documents, Microsoft Publisher, Adobe Photoshop, scanners and the digital camera. Mailability of documents is stressed along with time management. This course is designed for students to work at their own pace on the units of instruction, completing all of the work in class in the appointed amount of time. Tests follow each computer application along with separate problems to see if the students can perform the application with limited instructions.

Course Title: Entrepreneurship & Small Business Management

Grade Level: 11, 12

Department: Career & Technical Education

Prerequisite: None

Credit: 1 credit per semester

Term(s): Full Year

Course Description: Entrepreneurship and Small Business Management is an elective class. It will educate students on the importance of entrepreneurship in our economy and the process of becoming an entrepreneur. Material covered includes basic economic principles such as supply and demand, factors of production, marketing, finance, human resources, competition, and social, environmental and legal issues.

In addition, this course will be supplemented with the organization and operation of a school store. This will allow students to perform the daily business tasks of ordering supplies, selling products, keeping inventory and financial records, as well as marketing and advertising.

Course Title: Keyboarding/Word Processing I

Grade Level: 9, 10, 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): One Year

Course Description: Keyboard I/Word Processing I is an elective course. The majority of the assignments are completed in class; therefore making class attendance a major factor in determining student grades. It is a course designed to develop basic skills in keyboarding techniques. Major emphasis is placed on correct keyboarding techniques, learning the location of the keys by the touch method, and proofreading and the correction of errors. Preparation of documents is introduced toward the end of the first quarter with emphasis on formatting and proofreading and error correction. Document mailability is stressed. Documents include standard memos, MLA style reports, personal and business letters, and centering.

The second semester of word processing continues to develop skills in techniques and formatting, speed and accuracy, and mailability of documents. Tables, columns, employment documents, simulations, and various projects are introduced. Documents presented in the first semester are now more complex with added features. Assignments are given where students are introduced to time management in completing work.

Course Title: Keyboarding II/Word Processing II

Grade Level: 10, 11, 12

Department: Career and Technical Education

Prerequisite: Keyboarding I/Word Processing (successful completion of one year)

Credit: 2 credits

Term(s): One year

Course Description: Keyboarding II/Word Processing II is an elective course. It is a continuation of Keyboarding I/Word Processing I. As in Keyboarding I/Word Processing I, class attendance continues to be of great importance. Complex business documents will be continued with stress on time management, accuracy, and limited instruction. Students will cover an employment unit and keying important documents. The third quarter consists of learning to operate the 10-key adding machine and learning the principles of filing-alphabetically, numerically, and chronologically. The final quarter is spent on a medical practice simulation and legal document typing. If time permits, an introduction to spreadsheets and database will be given in the final weeks of the course.

## CONSUMER ED COURSE SEQUENCE

### FRESHMEN

### SOPHOMORES

### JUNIORS

Consumer Ed

### SENIORS

Consumer Ed

Course Title: Consumer Education

Grade Level: 11, 12

Department: Career & Technical Education

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Consumer Education is a required course for graduation. This course prepares students for wise and responsible citizenship. It emphasizes the development of the individual in the skills, concepts and understandings required in everyday life. Young people today, perhaps more than ever before, need to understand personal, economic and social values within the concept of the democratic system. This course strives to teach them that.

## DRIVER EDUCATION COURSE SEQUENCE

### FRESHMEN

SOPHOMORES  
Driver Education

JUNIORS  
Driver Education

SENIORS  
Driver Education

Course Title: Driver Education

Grade Level: 10, 11, 12 (who meet state requirements)

Department: Driver Education

Prerequisite: Must have received a passing grade in at least 8 courses during the previous year  
Must be 15 years of age by the day the class starts and of at least sophomore standing

Credit: .2 credits for passing both phases of the course

Term(s): Monday through Friday for 45 days of a semester.

Course Description: Driver Education is required of all sophomores who meet prerequisites, or upper class men who finally meet prerequisites. The students must have a certified copy of the student's birth certificate on file in the school.

Classroom phase: The class will meet Monday through Friday for 45 days during a semester. After the 45th day, students will report to study hall for the remainder of the semester. The classroom phase of instruction is given at or just before the time when the pupils reach the legal age for behind the wheel instruction, and the classroom phase of instruction shall emphasize the development of knowledge, attitude, habits, and skills necessary for the safe operation of motor vehicles insofar as they can be taught in the classroom. Driver Education is dedicated to the idea of helping young people save their lives, since each year more than twice as many people in our 15-24 age group are killed by motor vehicle accidents as by the next greatest cause of death. Thirty (30) clock hours minimum are required in the classroom phase of Driver Education.

Behind the Wheel: All students must have an instruction permit before participation in practice driving is legally possible. Our purpose is to help enable the student to handle the car and controls comfortably so he/she can give full attention to handling traffic situations effectively, six (6) clock hours and one (1) clock hour of observation time, are spent behind the wheel.

## ENGLISH COURSE SEQUENCE

### FRESHMEN

Basic Composition I  
Basic Literature I  
College Composition I  
College Literature I

### SOPHOMORES

Basic Composition I  
Basic Literature I  
College Composition I  
College Literature I  
Basic Composition II  
Basic Literature II  
College Composition II  
College Literature II

### JUNIORS

Basic Composition I  
Basic Literature I  
College Composition I  
College Literature I  
Basic Composition II  
Basic Literature II  
College Composition II  
College Literature II  
Basic Composition III  
Basic Literature III  
College Composition III  
College Literature III

### SENIORS

Basic Composition I  
Basic Literature I  
College Composition I  
College Literature I  
Basic Composition II  
Basic Literature II  
College Composition II  
College Literature II  
Basic Composition III  
Basic Literature III  
College Composition III  
College Literature III  
English Concepts for Success  
College English IV

Course Title: Basic Composition I

Grade Level: 9, 10, 11, 12

Department: English

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Composition I is a required course for graduation. Basic Composition I emphasizes basic grammar principles, expanding the sentence core and improving vocabulary. Students will also concentrate on the development of clear, well supported paragraphs. The types of writing included are expository, descriptive, persuasive, and narrative. Students will apply the writing process to all writing assignments.

Course Title: Basic Composition II

Grade Level: 10, 11, 12

Department: English

Prerequisite: English Composition and Literature I

Credit: 1 credit

Term(s): 1 semester

Course Description: Composition II is a required course for graduation. Writing skills already introduced in Basic Composition I are continued in Basic Composition II with emphasis on focus, organization, support/elaboration, conventions, and integration. The types of writing included are expository, descriptive, persuasive, and narrative. Students will focus on sentence structure and usage. Oral communication skills are also emphasized to help students in future school and work activities.

Course Title: Basic Composition III

Grade Level: 11, 12

Department: English

Prerequisite: Composition and Literature I and II

Credit: 1 credit

Term(s): 1 semester

Course Description: Composition III is a required course for graduation. Basic Composition III is a continuation of the skills taught in Basic Composition II. Special emphasis is placed upon the grammatical and rhetorical skills needed for the Prairie State and ACT tests - Students may also study vocabulary. Students will work on expanding their writing skills to well-supported short essays.

Course Title: Basic Literature I

Grade Level: 9, 10, 11, 12

Department: English

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Literature I is a required course for graduation. Basic literary elements in a short story, novel, nonfiction, and play will be introduced. Students will also concentrate on improving reading comprehension.

Course Title: Basic Literature II

Grade Level: 10, 11, 12

Department: English

Prerequisite: Basic or College Literature and Composition I

Credit: 1 credit

Term(s): 1 semester

Course Description: Sophomore Literature is required for graduation. This semester is dedicated to the study of various literary genres including: short story, essay, novel, poetry, and drama. Both fiction and nonfiction selections will be covered. Basic literary terms will be taught as well. Essay form will be covered in detail as students will write throughout the course.

Course Title: Basic Literature III

Grade Level: 11, 12

Department: English

Prerequisite: Composition and Literature I and II

Credit: 1 credit

Term(s): 1 semester

Course Description: Literature III is a required course for graduation. This course is a survey of American Literature relating to events and attitudes from American history. Students will continue to improve their writing skills through the use of narrative, persuasive, or expository paragraphs as they relate to the literary work. Special emphasis will be placed on reading comprehension skills.

Course Title: College Composition I

Grade Level: 9, 10, 11, 12

Department: English

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Freshman composition is a required course. College Composition I concentrates on improving and expanding the student's ability to write paragraphs and papers clearly and accurately through the application of the writing process. The types of writing included are expository, descriptive, persuasive, and narrative. The course also reviews the basic elements of grammar (parts of speech, sentence parts, etc.) and presents additional grammatical and sentence structure (verbals, clauses, etc.) In addition, students read a classic novel, studying its elements and using it as the basis of many writing assignments.

Course Title: College Composition II

Grade Level: 10, 11, 12

Department: English

Prerequisite: English Literature and Composition I

Credit: 1 credit

Term(s): 1 semester

Course Description: English Composition II is a required course for graduation. Writing skills already introduced in College Composition I are continued in College Composition II with emphasis on focus, organization, support/elaboration, conventions, and integration. The types of writing included are expository, descriptive, persuasive, and narrative. Students will focus on sentence structure and usage. Oral communication skills are also emphasized to help students in future school and work activities. In addition, students will work on independent reading projects.

Course Title: College Composition III

Grade Level: 11, 12

Department: English

Prerequisite: English composition and Literature I and II

Credit: 1 credit

Term(s): 1 semester

Course Description: Composition III is a required course for graduation. College Composition III is designed to give the students a concentrated review of grammatical skills needed for the PSAT and the ACT tests in addition to future college writing. Research writing will also be covered. The students are expected to demonstrate a high level of competence in the basic composition forms by the end of the semester. Students may also study vocabulary.

Course Title: College English IV

Grade Level: 12

Department: English

Prerequisite: Basic or College Literature and Composition I, II, III

Credit: 2 credits

Term(s): full year

Course Description: College English IV is an elective course. This year long course will include composition and literature and will primarily prepare the student for the demands of college English as well as other study skills. The first semester will be dedicated to grammar and composition. Writing at the sentence, paragraph, and essay level will be discussed in depth. The main emphasis in this semester is to improve student writing for the college level. Literature will focus on British Literature and will trace the origin of the language as it evolved. Emphasis will be on close reading which will be demanded at the college level.

This course is an alternative to ECS for those students who do not meet or exceed the standards for reading and English on the PSAE test given to all juniors.

Course Title: College Literature I

Grade Level: 9, 10, 11, 12

Department: English

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Freshman literature is a required course. College Literature I concentrates on understanding the elements of the short story. Students learn to analyze a story through many literary terms. Students will also focus on a novel, a drama, and poetry including epic poetry. In addition, students continue to work on their writing skills with literature-based assignments.

Course Title: College Literature II

Grade Level: 10, 11, 12

Department: English

Prerequisite: College or Basic Literature and Composition I

Credit: 1

Term(s): 1 semester

Course Description: Sophomore English is required for graduation. This course is dedicated to the study of various literary genres including: short story, essay, novel, poetry and drama. Both fiction and nonfiction selections will be covered. Basic literary terms will be taught as well. Essay form will be covered in detail as students will write throughout the course.

Course Title: College Literature III

Grade Level: 11, 12

Department: English

Prerequisite: English Composition and Literature I and II

Credit: 1 credit

Term(s): 1 semester

Course Description: English Literature III is a required course for graduation. This course is designed to give the students a fundamental knowledge of the roots of American literature along with novels and plays by American authors. Improvement on reading comprehension skills will be included.

Course Title: Senior English Concepts for Success

Grade Level: 12

Department: English

Prerequisite: Basic or College Composition and Literature I, II, and III

Credit: 1 credit

Term(s): 1 semester

Course Description: Senior English Concepts for Success is a required course for those who do not meet or exceed the standards for reading and English on the PSAE test given to all juniors. This class is designed to provide students with basic writing skills needed to succeed in various occupations. It is designed to review the basic components of writing as well as the various forms. Students will focus on writing sentences, paragraphs, and essays. Upon passing this class, students will demonstrate the necessary skills to communicate effectively in writing. Students will also review reading comprehension skills. Upon passing this class, students will demonstrate the necessary skills to understand and apply a variety of written material.

## FAMILY AND CONSUMER SCIENCES COURSE SEQUENCE

### FRESHMEN

Orientation to Family and Consumer Science A  
Orientation to Family and Consumer Science B

### SOPHOMORES

Clothing & Textiles  
Foods & Nutrition  
Interpersonal Relations  
Adult Living

### JUNIORS

Clothing & Textiles  
Foods & Nutrition  
Parenting  
Child Development  
Interpersonal Relationships  
Adult Living

### SENIORS

Clothing & Textiles  
Foods & Nutrition  
Parenting  
Child Development  
Interpersonal Relations  
Adult Living

Course Title: Adult Living

Grade Level: 11, 12

Department: Family and Consumer Science

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Adult Living is an elective course. This course is designed to assist individuals and families in achieving life satisfaction through responsible participation as adults in the home, community and workplace. Emphasis is placed on the development of prevention strategies which will assist individuals in responding to situations in terms of their identified values and goals. The course content includes the following duty areas: developing short and long range plans, demonstrating goal-setting and decision making skills; evaluating and adapting basic needs to assume roles and responsibilities; recognizing and following health practices that assist in coping, selecting and using resources to enhance individual growth and development; developing effective relationships to promote communication with others; and evaluating family and career changes as to the impact on individuals. Various resources to assist with life problems are explored.

Course Title: Child Development

Grade Level: 11, 12

Department: Family and Consumer Sciences

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Child Development is an elective course. This course emphasizes learning experiences which help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children before conception through adolescence. The course content should center around the following duty areas: managing and organizing child development by applying decision-making and goal-setting skills; promoting child development by applying physical, social, intellectual and emotional principles; practicing health and safety standards for children; meeting children's adequate clothing needs; food and nutrition; providing experience which encourage children to maximize resources; encouraging human relations skills in children; and evaluating family and career changes in relation to impact on children. Information related to careers in child care is incorporated throughout the course.

Course Title: Clothing and Textiles I

Grade Level: 10, 11, 12

Department: Family and Consumer Sciences

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Clothing and Textiles I is an elective course. This course is planned to provide opportunities to develop knowledge and understanding of textiles, fabric trends, fashions as related to personal and family needs, and retail demands. Construction skills will be taught as a basis for introducing quality workmanship, alteration techniques, and clothing maintenance. Career and educational opportunities in the world of fashion and textile related fields will be explored.

Course Title: Interpersonal Relations

Grade Level: 10, 11, 12

Department: Family & Consumer Science

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Interpersonal Relations is an elective class. This class will integrate contemporary family issues and teach students to accept responsibility, build relationships, and strengthen values. It will help students address family challenges such as divorce, financial problems, death, family violence, and substance abuse. Students will develop skills in the areas of communication, leadership, management, resolving conflict, and problem solving. Career opportunities will be explored.

Course Title: Orientation to Family and Consumer Science A

Grade Level: 9

Department: Family and Consumer Science

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Orientation to Family and Consumer Science A is an elective course. This course is the suggested first course for all programs. It is designed to present basic subject matter in these areas: (1) foods and nutrition; (2) housing, furnishings, and equipment; (3) introductions to the world of work. Learning experiences assist students in understanding themselves and their roles as a consumer and productive member of today's society.

Course Title: Orientation to Family and Consumer Science B

Grade Level: 9

Department: Family and Consumer Science

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Orientation to Family and Consumer Science B is an elective course. This course is the suggested first course for all programs. It is designed to present basic subject matter in three areas: (1) clothing and textiles; (2) resource management; (3) human development, interpersonal and family relationships. Learning experiences assist students in understanding themselves and their roles as a consumer and productive member of today's society.

Course Title: Parenting

Grade Level: 11, 12

Department: Family and Consumer Science

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Parenting is an elective course. Special attention is given to preparing for parenthood, prenatal development and care, and childbirth. Many types of parenting situations are examined and various types of parenting crisis are emphasized. The class discussion includes caring and guiding of the infant, toddler, school age child and adolescent. The course content includes stress prevention and management and the work of community agencies that help parents deal with various types of parenting crisis are emphasized. Special attention is given to the needs of teenage parents and to the importance of readiness for parenthood.

## FOREIGN LANGUAGES COURSE SEQUENCE

### FRESHMEN

French I  
Spanish I

### SOPHOMORES

French I  
Spanish I  
French II  
Spanish II

### JUNIORS

French I  
Spanish I  
French II  
Spanish II  
French III  
Spanish III

### SENIORS

French I  
Spanish I  
French II  
Spanish II  
French III  
Spanish III  
French IV  
Spanish IV

Course Title: French I

Grade Level: 9, 10, 11, 12

Department: Foreign Languages

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: French I is an elective course. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills. The course also enables the students to: (1) comprehend the language spoken at conversational speed on subjects within their vocabulary range; (2) read material involving vocabulary and construction studied; (3) write in idiomatic style (everyday expressions about ordinary daily activities) on subjects studied; (4) become acquainted with the cultural background of the countries where French is spoken. It is highly recommended for a student entering French I to first have a good understanding of the English language. At least two years of one language should be taken in order to acquire proficiency. It is recommended that a college bound student complete four years of the same foreign language.

Course Title: French II

Grade Level: 10, 11, 12

Department: Foreign Languages

Prerequisite: French I

Credit: 2 credits

Term(s): full year

Course Description: French II is an elective course. This course is a continuation of the objectives and skills presented in French I. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills. The course also enables the student to: (1) comprehend the language spoken at conversational speed on subjects within their vocabulary range; (2) read material involving vocabulary and construction studied; (3) write in idiomatic style (everyday expressions about ordinary daily activities) on subjects studied; (4) become acquainted with the cultural background of the countries where French is spoken.

Course Title: French III-IV

Grade Level: 11, 12 or meets prerequisites

Department: Foreign Languages

Prerequisite: French I & II (to receive credit for French III)  
French I, II, & III (to receive credit for French IV)

Credit: 2 credits per course

Term(s): full year

Course Description: French II & IV are elective courses. This is a combined, upper-level course which is designed to (1) continue development of conversational ability; (2) continue to increase the vocabulary span; (3) improve reading ability; (4) develop ability in written composition on the subjects studied; (5) increase knowledge of the culture, the literature, and the art of the countries studied through reading on these subjects in French.

Course Title: Spanish I

Grade Level: 9, 10, 11, 12

Department: Foreign Language

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Spanish I is an elective course. This course is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills. The course also enables the student to: (1) comprehend the language spoken at conversational speed on subjects within their vocabulary range; (2) read material involving vocabulary and construction studied; (3) write in idiomatic style (everyday expressions about ordinary daily activities) on background of the countries where Spanish is spoken. It is highly recommended for a student entering Spanish I to first have a good understanding of the English language. At least two years of one language should be taken in order to acquire proficiency. It is recommended that a college bound student complete four years of the same foreign language.

Course Title: Spanish II

Grade Level: 10, 11, 12 or meets prerequisite

Department: Foreign Language

Prerequisite: Spanish I

Credit: 2 credits

Term(s): full year

Course Description: Spanish II is an elective course. This course is a continuation of the objectives and skills presented in Spanish I. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills. The course also enables the students to: (1) comprehend the language spoken at conversational speed on subjects within their vocabulary range; (2) read material involving vocabulary and construction studied; (3) write in idiomatic style (everyday expressions about ordinary daily activities) on subjects studied; (4) become acquainted with the cultural background of the countries where Spanish is spoken.

Course Title: Spanish III

Grade Level: 11, 12 or meet prerequisites

Department: Foreign Language

Prerequisite: Spanish I and Spanish II

Credit: 2 credits

Term(s): full year

Course Description: Spanish III is an elective course. This course is designed to (1) continue development of conversational ability; (2) continue to increase the vocabulary span; (3) improve reading ability; (4) develop ability in written composition on the subjects studied; (5) teach and practice more advanced grammar and structure; (6) increase knowledge of the culture, the literature and the art of the countries studied through reading on these subjects in Spanish.

Course Title: Spanish IV

Grade Level: 12 or meets prerequisites

Department: Foreign Language

Prerequisite: Spanish I, Spanish II, Spanish III

Credit: 2 credits

Term(s): full year

Course Description: Spanish IV is an elective course. This course is designed to (1) practice and refine speaking ability with an emphasis on conversational skills; (2) present a review of the grammatical structures of the language; (3) expose students to a literary text in Spanish; (4) present a unit on Spanish skills in the workplace which may involve a translation project with a business or community organization. This course is taught in Spanish.

## INDUSTRIAL ARTS METALS COURSE SEQUENCE

### FRESHMEN

Exploring Technology Applications I

### SOPHOMORES

Exploring Technology Applications II

### JUNIORS

Drafting and Design I

Welding I

### SENIORS

Drafting and Design I

Drafting and Design II

Welding I

Welding II

## INDUSTRIAL ARTS - WOODS COURSE SEQUENCE

### FRESHMEN

Exploring Technology Applications I

### SOPHOMORES

Exploring Technology Applications II

### JUNIORS

Home & Building Maintenance I

Woodworking Trades I

### SENIORS

Home & Building Maintenance I

Home & Building Maintenance II

Woodworking Trades I

Woodworking Trades II

Course Title: Home & Building Maintenance (I315.6)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Home & Building Maintenance is an elective course. This course provides experiences related to the erection, installation and maintenance of residential buildings and related fixtures. Planned learning activities will allow students to become knowledgeable of fundamental principles and methods and to develop technical skills related to masonry, carpentry, electrical wiring, plumbing, heating, ventilating, air conditioning and finish work.

Instruction should include safety principles and practices, recognition of standard tools and materials, building concepts and procedures, local, state, and national codes, cost estimating and blueprint reading.

Course Title: Home and Building Maintenance II (I415.6)

Grade Level: 12

Department: Career and Technical Education

Prerequisite: Home and Building Maintenance I

Credit: 2 credits

Term(s): full year

Course Description: Home and Building Maintenance II is an elective course. This course provides learning experiences related to the erection, installation, maintenance and repair of building structures and related utilities. Planned learning activities should emphasize the development of more advanced knowledge and skills that those provided in Home and Building Maintenance I, Student technical skill experiences should include instruction and activities in safety principles and practices; performing maintenance control functions; joining pipes; building water distribution lines and drains; installing and maintaining plumbing fixtures and systems; installing switch and outlet boxes, light fixtures, service entrances; roughing in and trimming out electrical devices and appliances; preparing foundations and footings; constructing residential chimneys and fireplaces; and laying, jointing codes. All learning experiences are designed to allow the student to acquire job-entry skills and knowledge.

Course Title: Drafting and Design I (I475.12)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: Mechanical Drawing

Credit: 2 credits

Term(s): full year

Course Description: Drafting and Design I is an elective course. This course offers students with some prior drafting experience the chance to explore many drafting practices used in industry. The course is devoted to architectural drafting, design projects, lettering, equipment use, floor plans, elevations, working, and presentation drawings.

Mechanical drafting provides drafting students with basic skills and concepts of mechanical drafting. Students complete drawings in projection section, and auxiliary views. Equipment use, multi-view drawings and pictorial drawings are covered. Computer-aided drafting (CAD) is introduced. Emphasis on occupational uses of each area is stressed.

Course Title: Drafting and Design II (I485.12)

Grade Level: 12

Department: Career and Technical Education

Prerequisite: Mechanical Drafting and Architectural Drafting I

Credit: 1 credit

Term(s): 1 semester

Course Description: Architectural Drafting II is an elective course. This course offers students with prior architectural drafting experience the chance to advance to a higher skill level. Topics explored in further depth are design considerations, plot plans, floor plans, elevations, materials lists, working drawings and presentation drawings. Computer Aided Drafting is applied to create presentation packets for hypothetical customers.

Course Title: Exploring Technology Application I (I111/I121)

Grade Level: 9, 10

Department: Career and Technical Education

Prerequisite: none

Credit: 2

Term(s): full year

Course Description: This course covers production and energy technology. Production technology is a course designed to foster an awareness and understanding of manufacturing and construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Experiences in manufacturing include product design, materials and processes, tools and equipment, including computers, safety procedure, corporate structure, management, research and development, production planning, mass production, marketing and servicing.

Communication Technology is a course designed to foster an awareness and understanding of the technologies used to communicate in our modern society. Students will gain experience in the areas of design and drafting, radio and television broadcasting, computers in communication, photography, graphic arts, and telecommunications.

Course Title: Exploring Technology Applications II (I101)(131)

Grade Level: 9, 10

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credit

Term(s): full year

Course Description: This course covers production and energy technology. Production technology is a course designed to foster awareness and understanding of manufacturing and construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Experiences in manufacturing include product design, materials and processes, tools and equipment, including computers, safety procedures, corporate structure, management, research and development, production planning, mass production, marketing and servicing.

Energy Utilization Technology is a course designed to foster awareness and understanding of how we use energy in our industrial technological society. Areas of study will include conversion of energy; electrical fundamentals; solar energy resources; alternate energy resources such as wind, water, and geothermal; fossil fuels; nuclear power; energy conservation; and computer uses in energy technology. Students will use laboratory experiences to become familiar with current energy technologies.

Course Title: Welding I (I355)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Welding I is an elective course. It is skill-level course providing experiences in which oxy-acetylene, electric arc, MIG and TIG welding processes, cutting, soldering, braying, blueprint reading, metal selection and setup will be included. A variety of operations and positional techniques are used to develop expertise for manufacturing as well as repair applications. Track trouble as well as innovative process will be included and results tested.

Course Title: Welding II

Grade Level: 12

Department: Career and Technical Education

Prerequisite: Welding I

Credit: 2 credits

Term(s): full year

Course Description: Welding Processes II is an elective course. It is an advanced level course expanding on the knowledge and skills of Welding I. Suggested materials are: automated processes, field and plant techniques, selection of material, design of fixtures, testing and acceptable standards of industry and employment of skills.

Course Title: Woodworking Trades I (I301)

Grade Level: 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Woodworking Trades I is an elective course. This course is a one year program that introduce the student to machine woodworking. Emphasis will be placed on safe and proper machine set up and usage in a modern, up to date, production woodshop. Students will have the opportunity to refine their skills through both required and elective projects. Some of the projects will be made on an individual basis, while others will be on a mass production basis and will require cooperative teamwork skills. Students will study and perform case construction, frame and panel construction, learn and construct various woodworking joinery techniques along with various finishing and finish repair techniques.

Course Title: Woodworking Trades II (I405)

Grade Level: 12

Department: Career and Technical Education

Prerequisite: Woodworking Trades I

Credit: 2 credits

Term(s): full year

Course Description: Woodworking Trades II is an elective course. This program prepares students as entry-level cabinet makers and millworks. This class introduces students to both entry-level and advanced levels of cabinetry and the precision phases of the cabinet making trade. Units of study include machine set-up and safety, small box construction projects, kitchen cabinet construction, lathe turned projects, furniture refinishing and repair, advanced joint techniques, use and production of jigs and fixtures used in mass production and use of a CNC Lathe to produce multiple shaped spindles. Life skills for career success taught include team building, problem solving and career exploration.

## MATHEMATICS COURSE SEQUENCE

### FRESHMEN

Pre-Algebra  
Algebra I  
Geometry

### SOPHOMORES

Pre-Algebra  
Informal Algebra I  
Algebra I  
Geometry  
Algebra II

### JUNIORS

Pre-Algebra  
Informal Algebra I  
Algebra I  
Geometry  
MCS  
Algebra II  
Pre-Calculus

### SENIORS

Pre-Algebra  
Informal Algebra I  
Algebra I  
Geometry  
Algebra II  
Pre-Calculus  
Calculus

Course Title: Algebra I

Grade Level: 9, 10, 11, 12

Department: Math

Prerequisite: none (completion of Pre-Algebra is recommended for students with a record of mathematics difficulties)

Credit: 2 credits

Term(s): full year

Course Description: Algebra I is an elective course which will count as one year of the three years required for graduation. It is a study of the fundamental laws and operatives with numbers as applied to equations. Such topics as positive and negative numbers, graphing of linear equations and inequalities, factoring, fractions and equations with fractions, ratios and proportions, roots and radicals, and quadratic equations are covered.

Course Title: Algebra II and Trigonometry

Grade Level: 10, 11, 12

Department: Math

Prerequisite: Successful completion of Algebra I and Geometry

Credit: 2 credits

Term(s): full year

Course Description: Algebra II and Trigonometry is an elective course which will count as one year of the three years required for graduation. This is recommended for those attending college or those who plan to work in science and engineering. A study is made of the basic concepts of algebra from a more advanced viewpoint than Algebra I. New topics from algebra are included as well as much work in analytic geometry and trigonometry. Also sections on logarithms, conic sections and the complex number system are considered.

Course Title: Calculus

Grade Level: 12

Department: Math

Prerequisite: successful completion of Algebra I, Geometry, Algebra II, Pre-Calculus

Credit: 2 credits

Term(s): full year

Course Description: Calculus is an elective course which will count as one year of the three years required for graduation. Pre-Calculus is designed for people who have taken Algebra in 8th grade. Topics covered include an in depth study of trigonometry, work with sequences, series, and limits, and topics of Calculus including differentiation and elementary integration.

Course Title: Geometry

Grade Level: 9, 10, 11, 12

Department: Math

Prerequisite: Successful completion of both semesters of Algebra I

Credit: 2 credits

Term(s): full year

Course Description: Geometry is an elective course which will count as one year of the three years required for graduation. It is a study of points, lines, and planes. A geometry system is developed and built upon throughout the year, with practical applications given. Space and plane geometry are treated at the same time. Such topics as triangles, perpendiculars, parallelism, polygons, and circles are covered.

Course Title: Informal Algebra I

Grade Level: 10, 11, 12

Department: Math

Prerequisite: successful completion of 2 semesters of Pre-Algebra

Credit: 2 credits

Term(s): full year

Course Description: Informal Algebra I will count as one year toward the three years required for graduation. It will meet the state Algebra requirement. Topics studied include positive and negative numbers, graphing of linear equations and inequalities, fractions and equations with fractions, ratios and proportions, roots and radicals, and quadratic equations are covered.

Course Title: Informal Geometry

Grade Level: 10, 11, 12

Department: Math

Prerequisites: Successful completion of a full year of Algebra I or Informal Algebra I

Credit: 2 credits

Term(s): full year

Course Description: Informal Geometry will count as one year of the three required for graduation. It is a study of points, lines, and planes, focusing on practical applications and problem solving.

Course Title: Pre-Algebra

Grade Level: 9, 10, 11, 12

Department: Math

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Pre-Algebra is an elective course which will count as one year of the three years required for graduation. It will not meet college requirements for one year of Algebra. It includes properties of number, fractions, number sentences and graphs, ratio-proportion, percent, rational numbers, real numbers relations and functions, and solving simple equations. This is a preparatory course for those students not ready for Algebra I.

Course Title: Pre-Calculus

Grade Level: 11, 12

Department: Math

Prerequisite: successful completion of Algebra I, Geometry, Algebra II

Credit: 2 credits

Term(s): full year

Course Description: Pre-Calculus is an elective course which will count as one year of the three years required for graduation. Students, upon taking this course, will be able to enter college mathematics at the Calculus I level. This course includes work in algebra, analytic geometry, trigonometry, determinants, and determination of functions.

## MUSIC COURSE SEQUENCE

### FRESHMEN

Choir

Band

### SOPHOMORES

Choir

Band

### JUNIORS

Choir

Band

### SENIORS

Choir

Band

Course Title: Band

Grade Level: 9, 10, 11, 12

Department: Career and Technical Education

Prerequisite: proficiency in playing a musical instrument

Credit: 2 credits

Term(s): full year

Course Description: Band in an elective course. It is the study of music through playing an instrument. Students not only improve their playing skills, but also acquire a knowledge and appreciation of music.

The concert band is the core of the band program. A variety of music, from classics to pops is studied. The marching band performs at football games and parades. The pep band performs at basketball games. Students may also have the opportunity to perform solos and ensembles.

Course Title: Choir

Grade Level: 9, 10, 11, 12

Department: Career and Technical Education

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Choir is an elective course. It is the study of music through singing. Students acquire a knowledge and appreciation of music. They develop their skills in singing as well as an ability to read music. A variety of music is studied from classical to contemporary.

## PHYSICAL EDUCATION COURSE SEQUENCE

### FRESHMEN

Physical Education

### SOPHOMORES

Physical Education

Health

### JUNIORS

Physical Education

Health

### SENIORS

Physical Education

Health

Course Title: Health

Grade Level: 10, 11, 12

Department: Physical Education

Prerequisite: none

Credit: 1

Term(s): 1 semester

The health class at Kewanee High School focuses on the main areas of health: Mental Health, Social Health and Physical Health.

Health is geared to help students understand the responsibility of behavior patterns that will affect their health. Stressing health choices and decision making, the students will develop the skills to weigh options, make responsible decisions, and develop behaviors that promote healthy lifestyles. The ability to assess our attitudes and behavior patterns, and understand their impact on our communities and our own well-being will also be stressed.

Some of the units that we will be covering include Mental Health, Social Health, Human Development, Nutrition and Fitness, Substance Abuse, Environmental and Community Health, and Safety and First Aid.

Course Title: Physical Education

Grade Level: 9, 10, 11, 12

Department: Physical Education

Prerequisite: none

Credit: 1 credit

Term(s): full year

Course Description: Three and a half years of Physical Education is required along with 1 semester of Health for graduation. Seven semesters of physical education are required for graduation with some exceptions: (1) junior and senior students participating in interscholastic sports, pom pon and cheerleading may be excused for the duration of the sport's season and then return to physical education class after the sport's season is finished; (2) students of all grade levels who participate in marching band may be excused from physical education class for the duration of the marching band season and then return to physical education class.

Freshmen, sophomores, juniors and seniors are combined for co-educational classes. The students may choose between regular PE and Boiler PE.

An attempt is made in the Regular PE classes to offer a well rounded program of physical fitness activities, individual and team sports, and recreational games. Fall activities include conditioning and fitness testing, flag football, soccer, and speedball. Winter activities include aerial darts, basketball, volleyball, badminton, table tennis, and recreational activities. Spring activities include softball, track and field, whiffle ball and recreational activities.

The Boiler PE class offers a program focusing on strength training and conditioning with an attempt to offer recreational fitness activities and fitness games on the open day in which they are free from lifting.

## SCIENCE COURSE SEQUENCE

### FRESHMEN

General Life Science  
Biology

### SOPHOMORES

General Life Science  
Biology  
Chemistry  
Physics

### JUNIORS

General Life Science  
Biology  
Chemistry  
Physics  
Human Anatomy and Physiology

### SENIORS

General Life Science  
Biology  
Chemistry  
Physics  
Human Anatomy and Physiology  
Independent Study Physics  
Independent Study Chemistry

Course Title: Biology

Grade Level: 9, 10, 11, 12

Department: Science

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: Biology is an elective course that will partially fulfill the graduation requirement for two years of science. It is the study of life. Although several areas of Biology are chosen for study in order to give the students an introduction into this subject, each student will be given opportunities to explore areas of Biology of their own choosing.

The school year begins with an introduction to biology principles and history. Next is the study of cell biology or cytology. This is quickly followed by a study of basic botany or plant biology including a study of the structure and function of roots, stems, and leaves and of plant reproduction.

Second semester begins with an introduction to genetics. After the genetics unit is an introduction to the animal kingdom. Various classifications of invertebrates are studied. The study of the animal kingdom includes several animal dissections.

Course Title: Chemistry

Grade Level: 10, 11, 12

Department: Science

Prerequisite: Algebra I and General Life Science or Biology

Credit: 2 credits

Term(s): full year

Course Description: Chemistry is an elective course that will partially fulfill one year of the graduation requirement of two years of science. Chemistry is a physical science which deals with the structure and composition of material and the changes these materials undergo. Topics covered are atomic theory, mole concept, kinetic theory, structure and bonding, chemical reactions, and application of principle to descriptive chemistry.

Course Title: General Life Science

Grade Level: 9, 10, 11, 12

Department: Science

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: General Life Science is an elective course that will partially fulfill the graduation requirement for two years of science. This course begins the school year with a study of what life is and what life science is all about. A number of simple experiments to learn how to use the Scientific Method to collect, group, interpret data, and draw conclusions from data are done. Cell organization, structure, function, and the process of cells are studied. A detailed study of the structure and functions of major systems of the human body are also studied.

Course Title: Human Anatomy and Physiology

Grade Level: 11, 12

Department: Science

Prerequisite: Chemistry

Credit: 2 credits

Term(s): full year

Course Description: Human Anatomy and Physiology is an elective course. It is a course designed to give college bound students a feel of the study content covered in medical programs. The course relies on note taking, discussion and dissection. Students will encounter terminology used in the medical field as well as occupational opportunities within medicine.

Students can expect to learn in areas of cytology, biochemistry, nutrition and histology. They will also explore areas of the body such as the muscular, skeletal and nervous systems. The course requires writing assignments, lab work, a speech and a valuable dissection.

Course Title: Independent Study Chemistry

Grade Level: 12

Department: Science

Prerequisite: Chemistry, Physics and recommendation of Instructor

Credit: 1 credit per semester

Term(s): 1 semester or full year

Course Description: This is a review of high school chemistry. Topics included are atomic structure, periodic law, formulas and equations, solutions, acid/base reactions, oxidation-reduction reaction. Additional advanced lab work is included.

Course Title: Independent Study Physics

Grade Level: 12

Department: Science

Prerequisite: Chemistry, Physics, and recommendation of Instructor

Credit: 2

Term(s): full year

Course Description: Independent Study Physics is an elective course. Other topics of physics are covered beyond the topics of the first year course, such as heat, electronics, atomic and nuclear. These topics are covered on an independent study basis. Each quarter after two text book chapters are covered the students do an engineering type project of the instructor's choice.

Course Title: Physics

Grade Level: 10, 11, 12

Department: Science

Prerequisite: Geometry

Credit: 2 credits

Term(s): full year

Course Description: Physics is an elective course that will partially fulfill the two years science requirement for graduation. It is a physical science that deals with the study of matter and energy and their changes, with emphasis on energy. Such topics as force, motion, the atom, sound, light, and electricity are discussed. The material is presented so that the student will have a better understanding of everyday events.

## SOCIAL STUDIES COURSE SEQUENCE

### FRESHMEN

World History  
World Cultures

### SOPHOMORES

World History  
World Cultures

### JUNIORS

World History  
World Cultures  
Sociology  
U.S. History  
Government

### SENIORS

World History  
World Cultures  
Sociology  
U.S. History  
Government

Course Title: Government

Grade Level: 11, 12

Department: Social Studies

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: One semester of Government is required for graduation. It is a comprehensive course of study of all three levels of American Government. During the duration of the semester all three branches of government will be studied in great detail along with civil liberties, voting, political parties, and a comparison to communism and socialism. State law mandates the U.S. Constitution and the Illinois Constitution exams be passed as a graduation requirement. This requirement is met within this course. Through the knowledge acquired from this course, one will possess the critical-thinking and problem solving skills required to participate in our democracy.

Course Title: Sociology

Grade Level: 11, 12

Department: Social Studies

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: Sociology is an elective course that will meet the semester social studies requirement for graduation. This course is an introduction to the study of society and provides the essential elements for an intelligent understanding of the forces that effect individual group life. It deals with the nature of various forms of behavior and the factors affecting our social relationships. A study is made of the historical rationale for the subject, the historical developments of societies from nomadic to postindustrial, the objectives overview of other societies, and societal problems which arise.

Course Title: U.S. History

Grade Level: 11, 12

Department: Social Studies

Prerequisite: none

Credit: 2 credits

Term(s): full year

Course Description: One full year of U.S. History is required for graduation. The course is a survey of principal forces and movements which have formed the United States today. Beginning with the exploration and colonization and proceeding through the establishment, growth, and development of the United States. This course takes up consideration of the social, intellectual, political, economic, and military forces that contribute to the United States as a world power. The proper use and display of the American Flag is taught in connection with this course.

Course Title: World Cultures

Grade Level: 9, 10, 11, 12

Department: Social Studies

Prerequisite: none

Credit: 1 credit

Term(s): 1 semester

Course Description: World Cultures is an elective course that will meet the semester social studies requirement for graduation. World Cultures aims to enlighten students about the similarities and differences that exist between cultures around the world.

The course looks at other cultures and stresses an awareness of man's cultural backgrounds, interaction between man and his physical world, and how each affects the other. This will be accomplished by viewing such cultural traits as religion, customs, and artifacts through the lens of all social sciences, with an emphasis on geography and history.

Course Title: World History

Grade Level: 9, 10, 11, 12

Department: Social Studies

Prerequisite: none

Credit: 1 credit per semester

Term(s): 1 semester or full year

Course Description: World History is an elective course that will meet the semester social studies requirement for graduation. It may be taken as a semester course or a full year course. The flexibility of the course is designed to allow students to take the course at any time during the high school career. It is a study of world history, which includes geography, historical events and various cultural aspects of living in a world community both today and in the past. The objective of the course is to increase the students' knowledge and understanding of the world around them.

First semester begins with the Renaissance and concludes in the mid 1800's. It includes the reformation, rise of nationalism, and age of imperialism.

Second semester begins with the ideas of liberalism, nationalism, and democracy. It follows those concepts from the late 1800's through the present including the Industrial Revolution, the World Wars, the Cold War, Korean War, Vietnam, and Desert Storm.

# **SPECIAL EDUCATION COURSE SEQUENCE**

## **FRESHMEN – 10 Credits**

Occupational English  
Occupational Math  
Occupational Science-Health  
Occupational Consumer Education or Occupational Geography\*  
Personal Development I  
Resource  
PE

## **SOPHOMORES – 10 Credits**

Occupational English  
Occupational Math  
Occupational Science-Health  
Occupational Consumer Education or Occupational Geography\*  
Personal Development II  
Resource  
PE

## **JUNIORS – 10 Credits**

S.T.E.P.  
Occupational English  
Occupational Science-Health  
Occupational Math  
Occupational Social Studies (Government or History)\*  
Work Program  
Resource  
PE

## **SENIORS – 10 Credits**

S.T.E.P.  
Occupational English  
Occupational Science-Health  
Occupational Math  
Occupational Social Studies (Government or History)\*  
Work Program  
Resource  
PE

\*Courses offered on alternating years

**40 Credits Required for Graduation**

**SPECIAL EDUCATION COURSES  
FOR STUDENTS DIAGNOSED – M.R. – M.D**

**FRESHMEN – 10 Credits**

Life Skills English  
Life Skills Math  
Life Skills Science  
Life Skills Social Studies  
Fine Arts  
Life Skills Geography  
Life Skills History  
Personal Development  
Vocational Education  
PE  
Life Skills Computers

**SOPHOMORES – 10 Credits**

Life Skills English  
Life Skills Math  
Life Skills Social Studies  
Fine Arts  
Life Skills Geography  
Life Skills History  
Personal Development  
Vocational Education  
PE  
Life Skills Computers

**JUNIORS – 10 Credits**

Life Skills English  
Life Skills Math  
Life Skills Science  
Life Skills Social Studies  
Fine Arts  
Life Skills Geography  
Life Skills Health  
Vocational Education  
PE  
Life Skills Computers  
Life Skills Consumer Education  
Life Skills Government  
S.T.E.P.

**SENIORS – 10 Credits**

Life Skills English

Life Skills Math

Life Skills Science

Life Skills Social Studies

Fine Arts

Life Skills Geography

Life Skills Health

Vocational Education

PE

Life Skills Computers

Life Skills Consumer Education

Life Skills Government

S.T.E.P.

**40 Credits Required For Graduation**

Course Title: Occupational Computer

Grade Level: (MR/MD)

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Computer is an elective course. This course is designed to develop a student's knowledge and skill in using a computer. Emphasis will be placed on (1) equipment - identification of and locating computer parts and functions; (2) keying skills - mastery of keyboard operation including alphabet and figure keys; (3) operation and maintenance of computer hardware and software (4) formatting, arrangement, placement and spacing of often-used documents (i.e. - letters, memos, reports, tables); (5) processing, proofreading to transform, and producing quality documents.

Course Title: Occupational Consumer Ed

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Consumer Ed is a required course for students who qualify for it according to their IEP. This course is designed to provide an understanding of how our economic system operates the exchange, distribution and consumption of goods and services. Emphasis is placed on the following: (1) consumer rights and responsibilities; (2) money management decisions; (3) banking, investing, and credit; (4) comparison shopping in areas of housing, home furnishings, clothing, and transportation; (5) insurance and taxes.

Course Title: Occupational English

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational English is a required course if the student qualifies for Special Education and it is on the IEP. This course is designed to provide the student with skills in the communicative areas of reading, comprehension, listening, speaking and written communication. Instruction is specifically designed to provide for individual differences with emphasis placed upon the following: (1) development of a basic sight vocabulary with elaboration on the existing speaking and listening vocabulary; (2) development of a consistent method of word attack skills which is appropriate for each student; (3) development of skills in and a desire to read independently for information, pleasure, and personal satisfaction; (4) development of an adequate level of proficiency in reading, comprehension, spelling, writing, and speaking skills to allow for effective social and vocational participation in society.

Course Title: Occupational Geography

Grade Level: 9, 10

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Geography is an elective course. It is designed to provide students with the ability to locate places, regions and features on the Earth. Emphasis will be placed on: (1) identifying and labeling major physical features and land forms; (2) reading and interpreting simple map scales; (3) locating and defining map symbols; (4) giving and following simple directions to get from one location to another.

Course Title: Occupational Science/Health

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): Full year

Course Description: Occupational Science/Health is a required course for those students who qualify according to their IEP. This course is designed to allow the slow learner the ability to understand, modify, control and utilize his environment. Particular emphasis is placed on the following areas: (1) Earth science which includes mapping, types of maps, using maps, mapping the earth, mapping continents, mapping oceans, mapping latitude, mapping longitude, and mapping time zones. It also includes earth and moon system, rotation of the earth, revolution of the earth, seasons, revolution of the moon, rotation of the moon, phases of the moon, surface features of the moon, eclipses and tides. It includes the solar system which covers the sun, inner planets, outer planets, asteroids and comets. (2) The human body which includes the skeletal system, muscular system, nervous system, respiratory system, digestive system, excretory system, circulatory system, and reproductive system. (3) Nutrition is covered. It includes fat, calories, proper balanced diet, food groups, cooking methods, importance of breakfast, vitamins, caffeine, fad diets, and reading labels.

Sexuality and wise choices in sexuality is focused on greatly. Abstinence is encouraged.

Course Title: Occupational Social Studies

Grade Level: 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Social Studies is a required course for students who qualify according to their IEP. This course is designed to provide the educationally challenged student with the acquisition of essential skills necessary to become a fully assimilated member of society. Students are provided with classroom instruction to foster an understanding of their heritage, and the rights, privileges and responsibilities that are associated with citizenship. A sequential program of instruction is provided until a 70% level of proficiency has been attained. Emphasis is placed on the following: (1) an understanding of important basic events of American History; (1) a basic understanding of our heritage and the contributions of famous Americans; (3) a basic understanding of the history of the U.S. and the effects on its people and development; (4) understand the basic principles of the U.S. and Illinois state governments; (5) understand the basic rights for all citizens provided by the U.S. and Illinois State Constitutions; (6) understand the basic history of the American flag and proper protocol when displaying and showing respect.

Course Title: Occupational Math

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Math is a required course for students who qualify for it according to their IEP. This course is designed to provide assistance and guidance in mathematical skills and concepts related to the many and varied problems of wise buying, budgeting, saving, and gaining the maximum advantage from expenditures to conduct their daily affairs as adults. Both group and individualized instruction is provided. Emphasis is placed on the following: (1) the ability to read and write numbers; (2) the ability to use a variety of number concepts to meet daily living situations; (3) an understanding of money concepts to meet adult needs; (4) the ability to use measurement concepts and devices; (5) a basic understanding of addition, subtraction, multiplication, division, fractions, decimals, and percentages; (6) the ability to use elementary graphs, tables, maps, and charts.

Course Title: Personal Development

Grade: 9, 10

Department: Special Education

Prerequisite: none

Term(s): 1 semester or full year

Course Description: Personal Development is an elective class. the specific objective of this program is to develop in the slower learner, the essential everyday Life Skills needed in the transition to life after high school. Such everyday life skills that are studied are: Household Smarts, Financial Responsibilities, Nutritional and Fitness, and Accessing Computer Technology.

Course Title: LD Resource

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: LD Resource is an elective course. This course is designed to provide support for students who are in regular high school courses and may need help in learning the specific skills required to be successful in these given courses or subjects.

Course Title: S.T.E.P. (Secondary Transitional Employment Program)

Grade Level: 11, 12

Department: Special Education

Prerequisite: none

Term(s): 1 semester or 1 full year

Course Description: S.T.E.P. (Secondary Transitional Employment Program) is an elective class. The specific objective of this program is to develop in the slow learner the essential skills necessary for preparing for, choosing, getting, and holding a job, and developing an understanding and knowledge of the basic rights, benefits, and responsibilities associated with becoming employed. A strong emphasis will also be placed on the role of the consumer in our society.

The student who has an IEP (Individual Education Plan) and is 16 years of age is referred to ORS and, therefore, qualifies for this program. A parent conference is held with the ORS coordinator explaining the program whereas parental consent must be given to enable the student the opportunity to enter the program.

The training program is a four phase operation consisting of classroom activities, job training, work experience, and special occupational guidance sessions. At the classroom level, primary emphasis is placed upon problems associated with becoming a wage earner, citizen, and parent. Positive personality traits, a desire for more than adequate performance, dependability, and the ability to accept constructive criticism are concepts stressed to enhance gainful employment.

The prevocational coordinator and the employer cooperatively develop work situations in which the slow learning student acquires maximum benefits from his work experience. At specific intervals employers are requested to rate pupils on a scale composed of items which are associated with the student's personal strengths and weaknesses.

Particular emphasis is placed upon the following during this four phase operation: (1) acquisition of specific skills associated with filling out job applications, proper and effective behavior during an interview, and the ability to utilize the various alternatives available in locating a job; (2) acquisition of attitude and understandings that will help secure employment (ability to work with others, punctuality, personal grooming, courtesy, trustworthiness, enthusiasm, and interest in work; (3) a basic understanding of social security, workmen's compensation, unemployment compensation, medical and insurance benefits, unions, major responsibilities of workers to employers, and how to compute a paycheck; (4) the ability to evaluate self realistically and accept limitations when making a job choice.

## **SPECIAL EDUCATION DEPARTMENT**

Special Education classes are available at Kewanee High School for students with the following disabilities: S.L.D. (Specific Learning Disabilities), E.D. (Emotionally Disturbed), M.I. (Mental Impairment), and M.R. – M.D. (Mental Retardation – Multiple Disabilities).

Students, upon being referred, are placed in these programs only after extensive psychological and educational assessment of the student's general mental ability and achievement level has determined them eligible. These Assessments are completed by the Henry-Stark Special Education District. Following psychological evaluation, the student is then staffed by professional personnel where an Individual Education Program (I.E.P.) is devised stating both long range goals and specific objectives to meet individual needs.

Integration into both academic and nonacademic areas of the regular program is a priority objective. This is contingent upon a continuing educational diagnosis as well as the level of achievement and performance within the classroom.

To meet the goals and objectives specifically stated in the Individual Education Program, the following courses are provided for students.

Course Title: Occupational Consumer Ed

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Consumer Ed is a required course for students who qualify for it according to their IEP. This course is designed to provide an understanding of how our economic system operates the exchange, distribution and consumption of goods and services. Emphasis is placed on the following: (1) consumer rights and responsibilities; (2) money management decisions; (3) banking, investing, and credit; (4) comparison shopping in areas of housing, home furnishings, clothing, and transportation; (5) insurance and taxes.

Course Title: Occupational English

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational English is a required course if the student qualifies for Special Education and it is on the IEP. This course is designed to provide the student with skills in the communicative areas of reading, comprehension, listening, speaking and written communication. Instruction is specifically designed to provide for individual differences with emphasis placed upon the following: (1) development of a basic sight vocabulary with elaboration on the existing speaking and listening vocabulary; (2) development of a consistent method of word attack skills which is appropriate for each student; (3) development of skills in and a desire to read independently for information, pleasure, and personal satisfaction; (4) development of an adequate level of proficiency in reading, comprehension, spelling, writing, and speaking skills to allow for effective social and vocational participation in society.

Course Title: Occupational Geography

Grade Level: 9, 10

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Geography is an elective course. It is designed to provide students with the ability to locate places, regions and features on the Earth. Emphasis will be placed on: (1) identifying and labeling major physical features and land forms; (2) reading and interpreting simple map scales; (3) locating and defining map symbols; (4) giving and following simple directions to get from one location to another.

Course Title: Occupational Math

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Math is a required course for students who qualify for it according to their IEP. This course is designed to provide assistance and guidance in mathematical skills and concepts related to the many and varied problems of wise buying, budgeting, saving, and gaining the maximum advantage from expenditures to conduct their daily affairs as adults. Both group and individualized instruction is provided. Emphasis is placed on the following: (1) the ability to read and write numbers; (2) the ability to use a variety of number concepts to meet daily living situations; (3) an understanding of money concepts to meet adult needs; (4) the ability to use measurement concepts and devices; (5) a basic understanding of addition, subtraction, multiplication, division, fractions, decimals, and percentages; (6) the ability to use elementary graphs, tables, maps, and charts.

Course Title: Personal Development

Grade: 9, 10

Department: Special Education

Prerequisite: none

Term(s): 1 semester or full year

Course Description: Personal Development is an elective class. the specific objective of this program is to develop in the slower learner, the essential everyday Life Skills needed in the transition to life after high school. Such everyday life skills that are studied are: Household Smarts, Financial Responsibilities, Nutritional and Fitness, and Accessing Computer Technology.

Course Title: LD Resource

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: LD Resource is an elective course. This course is designed to provide support for students who are in regular high school courses and may need help in learning the specific skills required to be successful in these given courses or subjects.

Course Title: Occupational Science/Health

Grade Level: 9, 10, 11, 12

Department: Special Education

Prerequisite: none

Term(s): Full year

Course Description: Occupational Science/Health is a required course for those students who qualify according to their IEP. This course is designed to allow the slow learner the ability to understand, modify, control and utilize his environment. Particular emphasis is placed on the following areas: (1) Earth science which includes mapping, types of maps, using maps, mapping the earth, mapping continents, mapping oceans, mapping latitude, mapping longitude, and mapping time zones. It also includes earth and moon system, rotation of the earth, revolution of the earth, seasons, revolution of the moon, rotation of the moon, phases of the moon, surface features of the moon, eclipses and tides. It includes the solar system which covers the sun, inner planets, outer planets, asteroids and comets. (2) The human body which includes the skeletal system, muscular system, nervous system, respiratory system, digestive system, excretory system, circulatory system, and reproductive system. (3) Nutrition is covered. It includes fat, calories, proper balanced diet, food groups, cooking methods, importance of breakfast, vitamins, caffeine, fad diets, and reading labels.

Sexuality and wise choices in sexuality is focused on greatly. Abstinence is encouraged.

Course Title: Occupational Social Studies

Grade Level: 11, 12

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: Occupational Social Studies is a required course for students who qualify according to their IEP. This course is designed to provide the educationally challenged student with the acquisition of essential skills necessary to become a fully assimilated member of society. Students are provided with classroom instruction to foster an understanding of their heritage, and the rights, privileges and responsibilities that are associated with citizenship. A sequential program of instruction is provided until a 70% level of proficiency has been attained. Emphasis is placed on the following: (1) an understanding of important basic events of American History; (1) a basic understanding of our heritage and the contributions of famous Americans; (3) a basic understanding of the history of the U.S. and the effects on its people and development; (4) understand the basic principles of the U.S. and Illinois state governments; (5) understand the basic rights for all citizens provided by the U.S. and Illinois State Constitutions; (6) understand the basic history of the American flag and proper protocol when displaying and showing respect.

Course Title: S.T.E.P. (Secondary Transitional Employment Program)

Grade Level: 11, 12

Department: Special Education

Prerequisite: none

Term(s): 1 semester or 1 full year

Course Description: S.T.E.P. (Secondary Transitional Employment Program) is an elective class. The specific objective of this program is to develop in the slow learner the essential skills necessary for preparing for, choosing, getting, and holding a job, and developing an understanding and knowledge of the basic rights, benefits, and responsibilities associated with becoming employed. A strong emphasis will also be placed on the role of the consumer in our society.

The student who has an IEP (Individual Education Plan) and is 16 years of age is referred to ORS and, therefore, qualifies for this program. A parent conference is held with the ORS coordinator explaining the program whereas parental consent must be given to enable the student the opportunity to enter the program.

The training program is a four phase operation consisting of classroom activities, job training, work experience, and special occupational guidance sessions. At the classroom level, primary emphasis is placed upon problems associated with becoming a wage earner, citizen, and parent. Positive personality traits, a desire for more than adequate performance, dependability, and the ability to accept constructive criticism are concepts stressed to enhance gainful employment.

The prevocational coordinator and the employer cooperatively develop work situations in which the slow learning student acquires maximum benefits from his work experience. At specific intervals employers are requested to rate pupils on a scale composed of items which are associated with the student's personal strengths and weaknesses.

Particular emphasis is placed upon the following during this four phase operation: (1) acquisition of specific skills associated with filling out job applications, proper and effective behavior during an interview, and the ability to utilize the various alternatives available in locating a job; (2) acquisition of attitude and understandings that will help secure employment (ability to work with others, punctuality, personal grooming, courtesy, trustworthiness, enthusiasm, and interest in work; (3) a basic understanding of social security, workmen's compensation, unemployment compensation, medical and insurance benefits, unions, major responsibilities of workers to employers, and how to compute a paycheck; (4) the ability to evaluate self realistically and accept limitations when making a job choice.

Program - M.R. – Mental Retardation & M.D. – Multiple Disabilities

Grade Level: ages 16 to 21

Department: Special Education

Prerequisite: none

Term(s): full year

Program Description: The M.R. / M.D. classes at Kewanee High School are combined into one class. The program serves students from ages 16-21. The emphasis of the program focuses on daily living and vocational skills to promote independence upon graduation. Work is also done on functional academics to teach the student to the highest possible level of educational advancement within the student's capabilities. Full care is provided for those students whose daily needs must be met at school.

Students, upon becoming eligible, are placed on jobs within the school system for on the job training and experience. The program provides experiences needed for success in sheltered and/or community employment.

Life Skills Computers Course Title: M.R. – Mental Retardation & M.D. – Multiple Disabilities

Grade Level: ages 16 to 21

Department: Special Education

Prerequisite: none

Term(s): full year

Course Description: The M.R. / M.D. classes at Kewanee High School are combined into one class. The program serves students from ages 16-21. The emphasis of the program focuses on daily living and vocational skills to promote independence upon graduation. Work is also done on functional academics to teach the student to the highest possible level of educational advancement within the student's capabilities. Full care is provided for those students whose daily needs must be met at school.

Students, upon becoming eligible, are placed on jobs within the school system for on the job training and experience. The program provides experiences needed for success in sheltered and/or community employment.

Life Skills Consumer Education

Life Skills Government

S.T.E.P.

