

ENGLISH

English Classes Designated “A” or “H”

“A” – Career preparatory English for students who need additional instruction in basic English skills. Placement is by teacher recommendation.

“H” – College preparatory English for students excelling in English. Placement is by teacher recommendation.

1012 – English 1A

Credit: 1
Offered: Full Year
Prerequisites: Students who score a 1-12 on the English portion of the 8th grade EXPLORE test.
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Required and Core
Course description: This course is designed for the student who needs additional instruction in basic English skills. Reading, writing, and oral presentation requirements will follow the guidelines for English 1; however, more instructional time will be spent helping students master basic English skills and understanding literary concepts.

1014 - English 1

Credit: 1
Offered: Full Year
Prerequisites: Students who score a 13-18 on the English portion of the 8th grade EXPLORE test.
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Required and Core
Course description: The course will introduce the principles of research and will include a term paper in MLA style. Units on outlining, study skills, listening skills, note taking, and grammar/usage will take place along with continuous vocabulary development. Various literary works will be read based on different themes and genres of literature. Required writing will include expository, persuasive, and narrative writing.

1016 – English 1H

Credit: 1
Offered: Full Year
Prerequisites: Students who score 19 and above on the English portion of the 8th grade EXPLORE test.
Selection criteria: FR SO JR SR
Class designation: Honors, Regular
Status: Required and Core
Course description: This course is designed for a student who excels in English and communicates effectively using the English language, both written and spoken. Reading, writing, and oral presentation requirements will follow the guidelines for English 1; however, critical thinking abilities will be emphasized as depth, detail, and difficulty is added to classroom assignments, reading requirements, and workload.

1022 – English 2A

Credit: 1
Offered: Full Year
Prerequisites: Teacher Recommendation
Selection criteria: SO JR SR
Class designation: Regular
Status: Required and Core
Course description: This course is designed for the student who needs additional instruction in basic English skills. Reading, writing, and oral presentation requirements will follow the guidelines for English 2; however, more instructional time will be spent helping students master basic English skills and understanding literary concepts.

ENGLISH

1024 - English 2

Credit: 1
Offered: Full Year
Prerequisites: Teacher Recommendation
Selection criteria: SO JR SR
Class designation: Regular
Status: Required and Core
Course description: The course will include a research paper in MLA style. In addition to classroom novels, works will be read based on different themes and genres of literature. A grammar/usage unit will be included. Students will be expected to give speeches. In addition to various creative writing assignments and business letter writing, required writings will include expository, persuasive, and narrative writing.

1026 – English 2H

Credit: 1
Offered: Full Year
Prerequisites: Teacher recommendation
Selection criteria: SO JR SR
Class designation: Honors, Regular
Status: Required and Core
Course description: This course is designed for a student who excels in English and communicates effectively using the English language, both written and spoken. Reading, writing, and oral presentation requirements will follow the guidelines for English 2; however, critical thinking abilities will be emphasized as depth, detail, and difficulty is added to classroom assignments, reading requirements, and workload.

1032 – English 3A

Credit: 1
Offered: Full Year
Prerequisites: Teacher Recommendation
Selection criteria: JR SR
Class designation: Regular
Status: Required and Core
Course description: This course is designed for the student who needs additional instruction in basic English skills. Reading, writing, and oral presentation requirements will follow the guidelines for English 3; however, more instructional time will be spent helping students master basic English skills and understanding literary concepts.

1034 - English 3

Credit: 1
Offered: Full Year
Prerequisites: Teacher Recommendation
Selection criteria: JR SR
Class designation: Regular
Status: Required and Core
Course description: Required reading will focus on content in American Literature from the Colonial Period to the present. Required writings will include expository, persuasive, and literary analysis essays, along with a research paper with MLA citation. Oral presentations are also a required component. A thorough review for the Prairie State Achievement Exam will take place and will include test-taking skills.

1036 – English 3H

Credit: 1
Offered: Full Year
Prerequisites: Teacher recommendation
Selection criteria: JR SR
Class designation: Honors, Regular
Status: Required and Core
Course description: This course is designed for a student who excels in English and communicates effectively using the English language, both written and spoken. Reading, writing, and oral presentation requirements will follow the guidelines for English 3; however, critical thinking abilities will be emphasized as depth, detail, and difficulty is added to classroom assignments, reading requirements, and workload.

ENGLISH

1042 – English 4A

Credit: 1
Offered: Full Year
Prerequisites: Teacher Recommendation
Selection criteria: SR
Class designation: Regular
Status: Required and Core
Course description: This class offers students the opportunity to apply the English skills of reading, writing, speaking, and listening. Student reading will focus on current issues and job-related topics. Student writing will focus on job-related assignment. Student speaking will involve sales presentations. Student listening will include recognizing context clues in verbal and nonverbal communication.

1044 - English 4

Credit: 1
Offered: Full Year
Prerequisites: Teacher Recommendation
Selection criteria: SR
Class designation: Regular
Status: Required and Core
Course description: This course concentrates on “polishing” the communication skills that the students will need in college. Students will complete a research paper in MLA style, including a works cited page. British literature works will be studied and critiqued. Students will engage in oral presentation projects that necessitate higher-order thinking and planning processes. In addition to writing application essays and creative writing, required writings will include expository, persuasive, and narrative writing.

1046 – English 4H (College Composition I)

Credit: 0.5
Offered: First Semester Only
Prerequisites: Teacher Recommendation
College Prerequisite: ACT English score of 22 or better or satisfactory score on writing sample.
Selection criteria: SR
Class designation: Honors, College Credit (3)
Status: Required, Core, and **must pay for college credits.**
Course description: Teaches students to write effectively. Instruction is offered in the basic elements of rhetoric, with much practice being given in composing themes. **Students must take final exams.**

1047 – English 4H (College Composition II)

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Teacher Recommendation
College Prerequisite: A grade of “C” or better in College Composition I
Selection criteria: SR
Class designation: Honors, College Credit (3)
Status: Required, Core, and **must pay for college credits.**
Course description: Provides a continuation of College Composition I. Relates reading and writing skills in an effort to develop the student’s ability to perceive and express abstract thought relationships. Skills are developed in writing to inform, persuade, and evaluate and in writing creatively. **Students must take final exams.**

ENGLISH

1049 – Speech

Credit: 0.5
Offered: First Semester Only
Prerequisites: Open
Selection criteria: JR SR
Class designation: Regular education
Status: Required and Core
Course description: This course provides students with an overview of the communication process, verbal and nonverbal messages, public speaking, self-analysis as a communicator, interviewing, gathering speech source information, and the elements of good speaking, as well as the components of three types of speeches: introductory speeches, demonstration speeches, and informative speeches. Students apply the skills they learn based on lectures, the textbook, and handouts to prepare and deliver four speeches during the semester.

1050 – Speech H (College Speech)

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Speech or Approval of Instructor
College Prerequisite: Pass English 2 or 2H with a “B” or better.
Selection criteria: JR SR
Class designation: Honors, College Credit (3)
Status: Required and Core and **must pay for college credits.**
Course description: Emphasizes the practical application of oral communication theory to improve oral communication skills. This course is focused on (1) developing awareness of the communication process, (2) understanding and using inventional, organizational and expressive strategies, (3) promoting an understanding of a variety of communication concepts and how a communicator should adapt to those situations, and (4) emphasizing critical skills in listening, thinking and speaking. Topics covered include public speaking, listening and group communication. **Students must take final exams.**

1053 – Creative Writing

Credit: 0.5
Offered: First Semester Only
Prerequisites: Open
Selection criteria: SO JR SR
Class designation: Regular
Status: Required and Core
Course description: This course will allow those students who are aspiring writers to produce works of their own choosing in a variety of genres. Students will be required to produce at minimum 20-25 finished pages during the course of the semester.

1054 – Novels

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Open
Selection criteria: SO JR SR
Class designation: Regular
Status: Required and Core
Course description: This course covers a number of novels from a variety of historical periods featuring a variety of cultural perspectives. Novels that may be featured include: Native Son, Johnny Got His Gun, The Color Purple, A Day In The Life of Ivan Denisovich.

MATHEMATICS

2011 – Algebra 1A

Credit: 1
Offered: Full Year
Prerequisites: Students who score a 1-14 on the Math portion of the 8th grade EXPLORE test.
Selection Criteria: FR SO
Class Designation: Regular
Status: With Algebra IB meets the Algebra I requirement and Core.
Course Description: This class focuses on beginning Algebra by teaching the 1st semester of Algebra 1 in an extended time frame. Content includes data and relationships, probability patterns, functions, linear equations and inequalities. Real life applications and connections will be used in line with these topics. This class is the first half of the Algebra I sequence in order to advance to Geometry.

2012 – Algebra 1B

Credit: 1
Offered: Full Year
Prerequisites: Algebra 1A or Teacher recommendation
Selection Criteria: FR SO
Class Designation: Regular
Status: With Algebra IA meets the Algebra I requirement and Core.
Course Description: This class focuses on beginning Algebra by teaching the 2nd semester of Algebra 1 in an extended time frame. Content includes functional relationships, linear functions and graphs, slope, systems of equations, inequalities, square roots, distance, polynomials and quadratics. Real life applications and connections will be used in line with these topics. This class is the second half of the Algebra I sequence in order to advance to Geometry.

2015 - Algebra I

Credit: 1
Offered: Full Year
Prerequisites: Students who score 15 or 16 on the Math portion of the 8th grade EXPLORE test.
Algebra 1A and 1B or Pre-Algebra
Selection Criteria: FR SO JR SR
Class Designation: Regular
Class Quota: 25
Status: Required and Core.
Course Description: This class focuses on beginning Algebra. Content includes data and relationships, patterns, functions, linear equations and graphs, systems, distance, polynomials and quadratics. Real life applications and connections will be used in line with these topics. This class is required to advance into Geometry.

2021 – Geometry A

Credit: 1
Offered: Full Year
Prerequisites: Algebra I or Algebra IA and 1B and Teacher recommendation.
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Required
Course Description: Traditional geometry topics such as lines, angles, polygons, congruence, similarity, area, perimeter and volume will be covered with emphasis on practice. This course will not emphasize proof.

MATHEMATICS

2025 - Geometry

Credit: 1
Offered: Full Year
Prerequisites: Students who score 17 or 18 on the Math portion of the 8th grade EXPLORE test **and** pass Algebra 1 in 8th grade. For 10-12th grade – pass Algebra 1 or Algebra 1A and 1B.
Selection Criteria: FR SO JR SR
Class Designation: Regular
Status: Required and Core.
Course Description: A traditional plane geometry course covering such topics as properties of lines, angles, polygons, congruence, similarity, area, perimeter, and volume. The course will cover proof and problem solving using geometric concepts.

2027 – Geometry H

Credit: 1
Offered: Full Year
Prerequisites: Students who score 19 or higher on the Math portion of the 8th grade EXPLORE test **and** pass Algebra 1 in 8th grade. For 10-12th grade – pass Algebra 1 with a grade of A or B or teacher Recommendation.
Selection Criteria: FR SO JR SR
Class Designation: Honors, Regular
Status: Meets geometry requirement and core.
Course Description: A traditional plane geometry course covering such topics as properties of lines, angles, polygons, congruence, similarity, area, perimeter, and volume. The course will cover proof and problem solving using geometric concepts. A broader range of topics will be covered and at a more accelerated pace.

2044 – Algebra II A

Credit: 1
Offered: Full Year
Prerequisites: Geometry A or Geometry and Teacher recommendation.
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Required and Core.
Course Description: This course introduces or reviews functions, variation, linear functions, basic matrix operations, and basic quadratic and polynomial functions.

2045 – Algebra II

Credit: 1
Offered: Full Year
Prerequisites: “B or C” in Geometry and Teacher recommendation.
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Required and Core.
Course Description: This course introduces or reviews function, variation, linear functions, matrices, quadratic and polynomial functions, and complex numbers.

2046 – Algebra II H

Credit: 1
Offered: Full Year
Prerequisites: “A” in Geometry and/or Geometry H and Teacher recommendation.
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Required and Core.
Course Description: This course introduces or reviews functions, arithmetic and geometric sequences, variation, linear functions, matrices, quadratic functions, polynomials and rational expressions, complex numbers, powers, composite and inverse functions, radicals, exponential and logarithmic functions. Some basic trigonometry will be covered as time allows. This course is intended for students who have demonstrated mastery of Algebra 1. Topics covered are functions, graphs of linear functions, matrices, quadratic functions, polynomial and rational expressions, complex numbers, powers and radicals, and exponentials and logarithms.

MATHEMATICS

2049 – Algebra 3

Credit: 1
Prerequisites: Algebra II
Selection Criteria: JR SR
Class Designation: College Prep
Status: Required and Core
Course Description: This course will have students work with polynomials, radicals and rational equations. This course is for college-intending seniors going into a general, non-technical major, as well as, juniors who are preparing to take the PSAE assessment.

2050 – Statistics

Credit: 1
Offered: Full Year
Prerequisites: Algebra II
Selection Criteria: JR SR
Class Designation: College Preparation
Status: Required and Core
Course description: This course will cover topics covered in an introductory statistics course, such as measures of center and variability, correlation, randomness, confidence levels, and inference. It is hands-on and technology intensive. A TI-83 graphing calculator is required. Students will discover statistical concepts through analysis of genuine data, explore statistical principles, and apply statistical techniques. This course is recommended for students interested in a career in business, or science.

2061 – Pre-Calculus

Credit: 1
Offered: Full Year
Prerequisites: Algebra II with a “B” or higher
Selection Criteria: JR SR
Class Designation: College Prep
Status: Required and Core
Course description: This course covers topics necessary for success in calculus and other higher level college mathematics courses. Topics include review of functions previously studied, polynomial and rational functions, exponential and logarithmic functions, review of trigonometry and study of additional trig topics, sequences, series, probability and conics. **Students will be required to have a graphing calculator.**

2065 - AP Calculus

Credit: 1
Offered: Full Year
Prerequisites: Pre-calculus and approval of instructor
Selection Criteria: SR
Class Designation: Honors, College Prep
Status: Elective and Core, **must pay required testing fee (\$80)**
Course description: This course covers the basic calculus concepts as the regular calculus class with the addition of basic differential equations and more advanced application. The course will move at a more accelerated pace in order to prepare for an end of year exam. **Students will be expected to pay testing fees and take the exam.** Upon successful completion of this course, colleges may award credit and/or advanced placement. **Students will be required to have a graphing calculator.**

SCIENCE

3010 – General Science

Credit: 1
Offered: Full Year
Prerequisites: Students who score a 1-15 on the Science portion of the 8th grade EXPLORE test.
Selection Criteria: FR SO JR
Class Designation: Regular
Status: Meets Physical Science Requirement
Course description: This is a beginning science course sampling both physical and life sciences for students who want to study a variety of topics. Weather, ecology, energy, resources and earth science are also included. This course moves at a pace that allows frequent review and checks for understanding.

SCIENCE

3020 – General Biology

Credit: 1
Offered: Full Year
Prerequisite: General Science or Approval of Instructor
Selection Criteria: SO JR
Class Designation: Regular
Status: Meets Biology Science Requirement
Course description: This course will survey basic biological concepts, focusing on and understanding of life and major life processes. This course moves at a pace that allows frequent review and checks for understanding.

3021 - Biology I

Credit: 1
Offered: Full Year
Prerequisites: Students who score 16-19 on the Science portion of the 8th grade EXPLORE test.
Approval of Instructor for Sophomores and higher.
Selection Criteria: FR SO JR SR
Class Designation: Regular
Status: Meets Biology Science Requirement and Core
Course description: This course involves an in-depth study of the biological sciences, focusing on an understanding of life and major life processes. Topics covered include the six unifying principals of biology.

3023 - Anatomy & Physiology

Credit: 1
Offered: Full Year
Prerequisite: Biology 1
Selection Criteria: JR SR
Class Designation: College Prep.
Status: Science Elective
Course description: This is an advanced course intended for college prep work. It includes a comparative anatomy study of representative work (medical field) and an anatomical study of vertebrate organisms. Dissection is required. Those topics covered include human physiology of cells and the body systems.

3031 – Physical Science

Credit: 1
Offered: Full Year
Prerequisites: Algebra I
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Meets Physical Science Requirement
Course description: This course is an overview of elementary physics and chemistry. Topics include motion, forces, energy, simple machines, states of matter, atomic structure and bonding, sound and light. Some elementary formulas and mathematical processes are included. This course is highly recommended as a prerequisite to Chemistry.

3041 – Earth Science

Credit: 0.5
Offered: First Semester Only
Prerequisite: Have passed previous science course
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Meets Physical Science Requirement
Course description: This course will explore a variety of earth science topics that include topography, plate tectonics, rocks and minerals, weather and space.

SCIENCE

3045 - Environmental Science

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Have passed previous science course
Selection criteria: SO JR SR
Class designation: Regular
Status: Science Elective
Course description: This course is interdisciplinary; it embraces a wide variety of topics from different areas of study. The goal of the course is to understand the interrelationships of the natural world. To identify and examine environmental problems, to evaluate the risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

3046 – Ecology

Credit: 0.5
Offered: First Semester Only
Prerequisites: Biology I
Selection criteria: JR SR
Class designation: Regular education
Status: Science Elective
Course description: This is an advanced course that is designed for students who desire to continue in an environmental field of study. It will include in-depth studies and surveys of multiple ecosystems. High marks in Biology I will prove helpful.

3050 – Bio Forensics

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Biology I
Selection criteria: JR SR
Class designation: Regular education
Status: Science Elective
Course description: This is an advanced course for students interested in the practical applications of different science fields. This is a lab based class that focuses on lab techniques to investigate our world. Topics include crime scene analysis, fingerprinting, trace evidence and blood analysis. Students who have passed Biology I and Physical Science (or Chemistry) will be much better prepared for this class.

3051 Chemistry

Credit: 1
Offered: Full Year
Prerequisite: Algebra II (or currently enrolled in Algebra II)
Selection Criteria: JR SR
Class Designation: College Prep.
Status: Meets Physical Science Requirement and Core
Course description: Students who score high marks in Physical Science and high marks in Algebra 1 are much better prepared for this course. Chemistry addresses matter at its most basic level. Topics include atomic structure, periodic law, chemical bonds, equations and mass relationships, the gas laws, and solutions. Algebraic related problems are included.

3060 – Biology II

Credit: 1
Offered: Full Year
Prerequisites: Biology 1 with a C or better.
Selection criteria: JR SR
Class designation: College Prep.
Status: Science Elective.
Course description: This is an advanced course intended for college prep work. It is a detailed study of the 5 kingdoms of life with an emphasis on increased specialization and health issues. Dissection is required.

SCIENCE

3061 – Physics H (College Physics)

Credit: 1
Offered: Full Year
Prerequisite: ACT Mathematics score of 21 and Reading score of 20 or better. Passed Geometry with a “C” or better and a year of High School Algebra of “C” or better.
Selection Criteria: JR SR
Class Designation: Honors, College Credit (4)
Status: Science Elective and **students must pay for college credits.**
Course description: Basic concepts of physics including units in mechanics, sound, optics, electricity, magnetism and Bohr theory; to build and organized body of knowledge relating to physical phenomena encountered in the student’s life. **Students must take final exams.**

SOCIAL SCIENCES

4010 - Geography

Credit: 1
Offered: Full Year
Prerequisites: Students who score a 1-14 on the Reading portion of the 8th grade EXPLORE test.
Selection Criteria: FR SO
Class Designation: Regular
Status: Required and Core
Course Description: This is a course in regional geography that allows students to observe and examine problems that are of immediate, national, and global significance. The course emphasizes human interactions, within the regional setting. Key geographic elements include knowledge of places, their locations, patterns of climate, landform, flora and fauna, population, settlement patterns, transportation, and economy.

4012 – World History

Credit: 1
Offered: Full Year
Prerequisites: Students who score 15 or higher on the Reading portion of the 8th grade EXPLORE test.
Selection Criteria: FR SO
Class Designation: College Prep
Status: Required and Core
Course Description: In this one year course the student will learn about the challenges and achievements of civilizations throughout time, by exploring common patterns across various cultures.

4020 – U.S. History

Credit: 1
Offered: Full Year
Prerequisites: Pass their previous Social Science class.
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Required and Core
Course Description: This course is intended to help students attain a basic understanding of American History after 1865. The course will cover how economic, social, and political issues have affected periods and events in American History.

4025 – Micro-Economics

Credit: 0.5
Offered: First Semester Only
Prerequisites: U.S. History
Selection criteria: JR SR
Class designation: Regular
Status: Elective and Core. Meets Consumer Education Requirement.
Course description: The class will focus on personal and small business finance. Students will be informed on how to be the CFO and CEO of their own life.

SOCIAL SCIENCES

4026 – Macro-Economics

Credit: 0.5
Offered: Second Semester Only
Prerequisites: U.S. History
Selection criteria: JR SR
Class designation: Regular
Status: Elective and Core. Meets Consumer Education Requirement.
Course description: The students will explore the financial doings of their state, country, and world. They will learn why money drives most large-scale decisions and how this will affect them in their adult lives.

4030 - Government

Credit: 1
Offered: Full Year
Prerequisites: U.S. History
Selection Criteria: SR (JR Instructor Approval or AVC student)
Class Designation: Regular
Status: Required and Core
Course Description: The American Government one-year course is designed to inform the students about the features and functions of American and Illinois government and their respective political systems. This course contains citizenship competency skills that are designed to help the student fulfill his or her responsibilities as a citizen of the United States and Illinois. **The U.S. Constitution exam and Illinois Constitution exam will be given in this class and must be passed to earn a diploma in Illinois.**

4032 – Modern History

Credit: 0.5
Offered: Any Semester
Prerequisite: U.S. History
Selection Criteria: JR SR
Class Designation: Regular
Status: Elective and Core
Course description: This course is designed to help develop an understanding of today's world by the study of recent history since World War II.

4033 – Current Issues

Credit: 0.5
Offered: Any Semester
Prerequisites: Open
Selection Criteria: JR SR
Class Designation: Regular
Status: Elective and Core
Course Description: The purpose of the course is to encourage students to read newspapers and watch news telecasts to gain an understanding and knowledge of contemporary local, state, national, and international issues.

4034 – European History H (College History)

Credit: 1
Offered: Any Semester
Prerequisite: U.S. History
Selection Criteria: JR SR
Class designation: Honors, College Credit (6)
Status: Required, Core, and **must pay for college credits.**
Course description: This is an introductory college course on European History. Students will begin with the Renaissance and end their studies with the present times. **Students must take final exams.**

SOCIAL SCIENCES

4041 - Psychology

Credit: 0.5
Offered: First Semester Only
Prerequisites: Must earn an "A" or "B" in U.S. History
Selection criteria: JR SR
Class designation: College Prep.
Status: Elective and Core
Course description: Psychology is an introductory course covering a broad range of topics, including learning processes, the development of personality, mental and emotional problems, psychology of group behavior, and social attitudes.

4042 - Sociology

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Must earn an "A" or "B" in U.S. History
Selection criteria: JR SR
Class designation: College Prep
Status: Elective and Core
Course description: Sociology is the science that studies human society and social behavior.

FITNESS

5011 & 5012 – Physical Education

Credit: 1
Offered: Full Year
Prerequisites: None
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Required
Course description: Physical Education is a full-year course geared to a basic objective of physical fitness.

5023 – Swimming

Credit: 0.5
Offered: First Semester Only
Prerequisites: Open
Selection criteria: SO JR SR
Class designation: Regular
Status: Required
Course description: Course will cover the basic fundamentals involved in swimming. Conditioning and muscular endurance will also be emphasized. This class can be repeated each year.

5030 & 5031 - Weight Training

Credit: 1
Offered: Full Year
Prerequisites: Students must have earned A's or B's in regular PE the previous year.
Selection criteria: SO JR SR
Class designation: Regular
Status: Required
Course description: Students in this class will learn techniques and fundamentals of strength training, power training, and flexibility, fitness and conditioning. This class can be taken for the entire year and repeated each year.

HEALTH

5110 - Health

Credit: 0.5
Offered: Any Semester
Prerequisites: Open
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Required
Course description: This class is designed to help the student better understand the relationship between his/her body and the environment. Health will also explore contemporary Health issues as they relate to today's teens.

The areas to be covered are:

1. Personality-wellness, health
2. Decision making skills
3. Stress
4. Depression
5. Suicide
6. Drug use and abuse
7. Sexuality

Special Features: Guest speakers – police department, Riverview Center, Women's Health Services, CHOICES.

5112 – Systems of the Body

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Open
Selection criteria: SO JR SR
Class designation: Regular
Status: Required
Course description: Systems of the body will include topics involving the Fundamentals of Athletic Training, Sports physiology, and the study of the different types of Physical Activity as they relate to Health and Fitness.

DRIVER EDUCATION

5210 - Driver Education

Credit: 0.5
Offered: Any Semester and Summer. Students will be scheduled by birthdates. Oldest first.
Prerequisites: Must have earned 4 credits in the previous semester(s).
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Required
Course description: The complete coverage of laws is the special feature of the classroom driver education. Behind the wheel features driving in many different areas. State law requires that all students successfully complete 30 hours of classroom work and 6 hours of behind-the-wheel driving. Only after successfully passing BOTH the classroom and the Behind the Wheel, will a student become eligible to receive a drivers license. After receiving a permit, state law requires ALL students to wait nine (9) months before obtaining their driver's license. Depending upon class size, students may have to wait until the following semester to drive. If you fail either portion of the class, you will not be able to enroll the following semester due to the number of students on the waiting list.

FAMILY AND CONSUMER SCIENCES (FACS)

5510 – Orientation to Family and Consumer Sciences CIP Code HE0010

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection Criteria: FR SO JR
Class Designation: Regular
Status: Elective
Course Description: This is an introductory course providing information, skills, and experiences in several areas of Family and Consumer Sciences including relationships, basic sewing and unit construction, basic foods and nutrition, resource management, housing and interior design and exploration of career possibilities.

FAMILY AND CONSUMER SCIENCES (FACS)

5521 - Foods 1 CIP Code HE0050

Credit: 0.5
Offered: First Semester Only
Prerequisites: Orientation to FACS
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: Students will be introduced to safety and sanitation practices along with the basic skills and cooking techniques necessary for working in a kitchen.

5522 - Foods 2 CIP Code HE0050

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Foods 1
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: Students continue the exploration of cooking basics learned in Foods I. Topics covered include preparation of specific foods included in the "MyPyramid".

5523 - Foods 3 CIP Code HE0400

Credit: 0.5
Offered: First Semester Only
Prerequisites: Orientation to FACS, Foods 1 & 2
Selection Criteria: JR SR
Class Designation: Regular Education
Status: Elective
Course Description: This advanced level class explores basic nutrition and wellness; with an extensive look into the dietary guidelines as described by mypyramid.gov. To coordinate with the nutrition the course moves into an in depth investigation into wellness and how the two correlate. Use of both the kitchen and computer labs is a vital part of this course.

5524 - Foods 4 CIP Code HE0400

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Orientation to FACS, Foods 1 & 2
Selection Criteria: JR SR
Class Designation: Regular Education
Status: Elective
Course Description: This advanced level class includes an in-depth study of career areas within the culinary arts. Also included in the coursework is an extensive study into cultures and their traditions and how food is used as part of the tradition.

5531 - Clothing and Textiles CIP Code HE0040

Credit: 0.5
Offered: First Semester Only
Prerequisites: Orientation to FACS
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: This course will provide a variety of experiences used in the apparel industry, home décor and crafting. Students will learn how to select and use a pattern to complete a variety of sewing projects. Textile fibers and fabric construction will be studied as well.

FAMILY AND CONSUMER SCIENCES (FACS)

5532 – Fashion Design and Merchandising

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Foods 1
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course Description: This course explores the aspect of fashion components including style, color and design principles as they apply to wardrobe planning and fashion merchandising. The course will give an overview of the past and present fashion industry with emphasis on fashion careers.

5541 – Child Development CIP Code HE0030

Credit: 0.5
Offered: First Semester Only
Prerequisites: Orientation to FACS
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: Offers the knowledge, experience and skills that prepare students to become a parent.
Course content includes teen parenthood, pregnancy, childbirth, and infancy. A hospital field trip and a computerized infant simulator project will supplement this class.

5542 - Parenting CIP Code HE0120

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Foods 1
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: Parenting continues as a one-semester course that offers knowledge, experience and skills necessary for successful parenting and/or teaching of young children. Course content includes infants, toddlers, preschool and school aged children. Students will develop themed lesson plan ideas for various preschool and school aged teaching experiences. Fieldtrips and projects will give students experience in guiding and supervising children in a preschool setting.

5560 – Consumer Education CIP Code HE0140

Credit: 0.5
Offered: Any Semester
Prerequisites: Senior Status
Selection Criteria: SR
Class Designation: Regular
Status: Required
Course Description: This class is for seniors only; it covers Consumer Economics/Resource Management; and is a requirement for graduation. The students learn the consumer education skills that are needed by young adults who are married or living on their own.

5570 Co-op Class CIP Code IC0000

Credit: 0.5
Offered: First Semester Only
Prerequisite: Senior Status
Selection Criteria: SR
Class Designation: Regular
Status: Elective
This course **must** be taken in conjunction with Co-op Job and is designed to introduce the student to the world of work. Course content includes general study in employer-employee relations, job health and safety, self-assessment, career research and successful job search areas.

5573 or 5574 – Co-op Job CIP Code IC0000

Credit: Up to 4 for the job
 Offered: Full Year
 Prerequisites: Senior standing con-currently enrolled in Co-op Class first semester
 Selection criteria: SR
 Class designation: Regular
 Status: Elective
 Course description: This program involves on-the-job training (hopefully in an occupation in which the student has a career interest) combined with classroom training to increase the student's opportunities in the world of work. Students must have a job with a signed agreement with employer and school. Students must maintain a C or better in Co-op Job first semester to stay enrolled in 2nd semester Co-op. Final semester grades will be converted to a Pass/Fail grade.

FOREIGN LANGUAGE**6010 - Spanish 1**

Credit: 1
 Offered: Full Year
 Prerequisites: Pass 8th Grade Language Arts, and/or English with a "C" or better.
 Selection criteria: FR SO JR SR
 Class designation: Regular
 Status: College Prep
 Course description: Spanish I begins with the development of building the basic skills in Spanish grammar, memorizing vocabulary words, and conjugating simple verbs with major emphasis on listening and speaking activities for comprehension of the language.

6020 - Spanish 2

Credit: 1
 Offered: Full Year
 Prerequisites: Pass Spanish 1 with a "C" or higher, or Approval of Instructor
 Selection criteria: SO JR SR (FR if native language)
 Class designation: Regular
 Status: College Prep
 Course description: Spanish 2 continues the development of the basic skills learned in Spanish I with added emphasis placed on reading and writing as a means to develop conversational skills. Suggested for college.

6030 - Spanish 3

Credit: 1
 Offered: Full Year
 Prerequisites: Pass Spanish 2 with a "C" or higher, or Approval of Instructor
 Selection criteria: JR SR (SO if native language)
 Class designation: Regular
 Status: College Prep
 Course description: Spanish 3 focuses on the reinforcement and refinement of basic knowledge studied in the first two years as well as continuing to improve and expand skills in listening comprehension, reading, speaking, and writing. This course is for the college bound student.

6040 - Spanish 4

Credit: 1
 Offered: Full Year
 Prerequisites: Pass Spanish 3 with a "C" or higher, or Approval of Instructor
 Selection criteria: SR (JR if native language)
 Class designation: Regular education
 Status: College Prep
 Course description: Spanish 4 continues with the reinforcement and refinement of basic knowledge studied in the first three years as well as continuing to improve and expand skills in listening comprehension, reading, speaking, and writing with the goal of achieving a gradually increasing independence in the use of the language. Advanced Spanish provides the ability to demonstrate proficiency on college level entrance exams in the Spanish language.

BUSINESS

7010 – Orientation to Business Concepts

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection Criteria: FR SO JR
Class Designation: Regular
Status: Elective
Course Description: The objective of this class is to develop a basic understanding of business theory and practice. Students will discuss topics of entrepreneurship, private enterprise, the global marketplace, organization of management, money management, marketing theory, and government and non-government influence on the economy. Students will also discuss topics on how to be an effective consumer, how their role in the environment affects prices, and ways to prepare for the world of work.

7021 – Accounting I CIP Code BE0110

Credit: 1
Offered: Full Year
Prerequisites: Orientation to Business Concepts, Algebra 1
Selection Criteria: JR SR
Class Designation: College Prep
Status: Elective
Course Description: This course teaches students to keep an accurate accounting system for use in a small business, or to prepare for the first accounting course in college. Students will simulate actual accounting experience through the use of practice sets during the year. This course provides a technical background for college-bound students who plan a business curriculum as well as those who will follow vocational preparation. **If the student earns an “A” or “B” in the class (Junior and Senior Students only) he/she will receive dual vocational credit with Highland Community College.**

7022 – Accounting II CIP Code BE0110

Credit: 1
Offered: Full Year
Prerequisites: Pass Accounting I with a “B” or higher
Selection Criteria: JR SR
Class Designation: College Prep
Status: Elective
Course Description: Continuation of accounting transactions, financial statements, and analysis, and analysis of accounts receivable, notes payable, notes receivable, merchandise inventory, property, plant, equipment, and long-term bonds. Class will most likely take place during the same time frame as Accounting I

INFORMATION TECHNOLOGY

7121 – Business Computer Applications I CIP Code BE0030

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection Criteria: FR SO JR SR
Class Designation: Regular
Status: Elective
Course description: This course is designed for both students going on to college and also those who want to immediately enter the work force after high school. During the first semester, the student will learn the basics of Word and Powerpoint. During the second semester, the student will learn the basics of Excel and Publisher. They will also learn to use these four Microsoft Office programs integrated together.

INFORMATION TECHNOLOGY

7122 – Business Computer Applications II CIP Code BE0050

Credit: 1
Offered: Full Year
Prerequisites: Business Computer Applications I or Approval of Instructor
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Elective

Course description: This course is designed for both students going on to college and also those who want to immediately enter the work force after high school. During the first semester, the student will learn the advanced features of Word and Powerpoint. During the second semester, the student will learn the advanced features of Excel and Access. This class is designed to prepare the student for Microsoft Office Certification Exams.

7141 – Multi-Media I

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective

Course description: Students will become familiar with television lab equipment, computers, and the internet. They will learn the importance of the first amendment when it comes to the media, as well as the freedoms journalists possess. They will learn how to storyboard and write scripts for various mediums and lay out video productions and newscasts. Students will complete various simple filming projects. The class will use the knowledge and experience learned in the first semester to create professional West Carroll newscasts and other video productions. Students will examine the elements of news and continue to improve script writing.

7141 – Multi-Media II

Credit: 1
Offered: Full Year
Prerequisites: Pass Multi-Media I with a “B” or better
Selection criteria: JR SR
Class designation: Regular
Status: Elective

Course description: Students will continue to build on the skills they learned in Multi-Media I. They will continue to script and produce video projects and newscasts. They will broadcast West Carroll newscasts and create unique films of their choice. They will use video editing equipment and learn the basics of cinematography, using Sony Vegas software on the Windows platform, as well as iMovie on the Mac platform.

7151 – Web Mastering I

Credit: 0.5
Offered: First Semester Only
Prerequisites: Business Computer Applications I or instructor approval
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Elective

Course Description: Students will learn how to create a web page using the HTML language and other industry languages. They will work on individual and group projects. They will also learn to use the Macromedia Dreamweaver software to create webpages and websites. This course is designed to continue directly into Webmaster II during the second semester. Students will enhance and maintain the West Carroll district website at www.wc314.org.

If the student earns an “A” or “B” in the class (Junior and Senior Students only) he/she will receive dual vocational credit with Highland Community College.

INFORMATION TECHNOLOGY

7152 – Web Mastering II

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Webmaster I
Selection Criteria: SO JR SR
Class Designation: Regular education
Status: Elective
Course Description: Students will learn to create web pages and websites with Macromedia Dreamweaver. They will also learn basic graphic designing with Macromedia Fireworks and Adobe Photoshop. Students will also learn a touch of animation with Macromedia Flash. Students will enhance and maintain the West Carroll district website at www.wc314.org.

7153 – Web Mastering III

Credit: 0.5
Offered: First Semester Only
Prerequisites: Pass Webmaster I and II with a “B” or better
Selection Criteria: JR SR
Class Designation: Regular
Status: Elective
Course Description: This course is designed for more advanced students preparing to work with computer technology and design after high school. Students will continue to build their web design and development skills learned in Webmaster I and II. They will enhance and maintain the West Carroll district website, including individual departments’ pages. They will work on building a community website or a mock-company website project. They can also research new languages and programs to use graphics and web design online.

1061 - Yearbook I

Credit: 1
Offered: Full Year
Prerequisites: Approval of Instructor.
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: Course description: This is a year long course that focuses upon reading, academic, journalistic, and creative writing, interviewing, and preparing projects for publication. Students will learn sales techniques and work with businesses in the community. There is a great emphasis on using technology, the internet, design elements, and business techniques. Students will be using different computer software on networked computers and on the internet. Students will use Adobe Photoshop, Jostens YearTech Online, and others to create the **West Carroll High School Yearbook**. Students involved in this course are expected to remain in the course the full year.

1062 - Yearbook II

Credit: 1
Offered: Full Year
Prerequisites: Approval of Instructor
Selection criteria: JR SR
Class designation: Regular
Status: Elective
Course description: These students take on leadership roles and serve as the primary journalistic editors, business managers, and layout coordinators to create and produce the **West Carroll High School Yearbook**. Students will work with businesses in the community to learn sales techniques and business skills. Students will write, design, create and edit articles and projects for publications. There is a great emphasis on using technology, the internet, design elements, and business techniques. Students will continue to use Adobe Photoshop, InDesign, and Jostens YearTech Online software to create the yearbook. Students involved in this course are expected to remain in the course the full year.

ART

8010 – Orientation to Art

Credit: 1
Offered: Full Year
Prerequisites: None
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective
Course description: This one-year (2 semester) course of study is an introduction to the techniques and terminology used in Art. It will allow the student to explore the many techniques, styles, tools and processes used to create 2-D and 3D art. Students will learn to recognize, identify, describe and use the elements and principles of art to express their ideas and feelings. This course is required before taking other art courses.

8020 – Drawing/Painting

Credit: 1
Offered: Full Year
Prerequisites: Orientation to Art
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Elective
Course Description: The first semester of study is an application and elaboration of the two-dimensional techniques learned in Orientation of Art. Emphasis is on technique development using a variety of media in well designed compositions. The second semester of study will expand skills through an in-depth exploration of a variety of media and techniques. Artists and art styles will be introduced and realism will be stressed in subject matter. A sketchbook will be used to practice drawing skills and develop ideas.

8024 – Ceramics/Sculpture

Credit: 1
Offered: Full Year
Prerequisites: Orientation to Art
Selection Criteria: SO JR SR
Class Designation: Regular
Status: Elective
Course Description: The first semester will provide the student with the opportunity to use basic ceramic techniques: hand-building, wheel, decorating and glazing. It will also provide and introduction to the basic sculpture techniques of carving, casting, modeling, and assembling. The second semester will expand on the skills learned in the first semester through an in-depth exploration of a variety of techniques.

8027 – Photography

Credit: 1
Prerequisite: Orientation to Art and Business Computer Applications or Multi-Media.
Selection criteria: SO JR SR
Class designation: Regular
Status: Elective
Course description: The first semester will include an introduction to the art of photography and basic use of a digital camera and software, printing, beginning Photoshop and creative display techniques. The second semester will include continued use of digital camera controls to develop composition and creative images, sometimes combined with art media.

8028 – Advanced Art

Credit: 1
Prerequisites: Orientation to Art and Drawing/Painting
Selection Criteria: SR
Class Designation: Regular
Status: Elective
Course Description: This course is designed for the serious art student who has already completed two semesters of Drawing/Painting. It will include an exploration of the techniques, media and subject matter in the modern art movement and American art. It will include life drawing and portfolio development. A sketchbook will be used to practice drawing skills and develop ideas.

MUSIC / DRAMA

8110 - Band

Credit: 1
Offered: Full Year
Prerequisites: Prior Band Instruction or Approval of Instructor
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective
Course description: High School Band is comprised of students who have the background and the desire to participate in advanced instrumental music. Grades are based on attendance at all rehearsals and performances, attitude, effort, lessons, participation, and extra activities. The organization consists of the following groups: Marching Band, Pep Band, Concert Band, and various small ensembles. Possible performance opportunities may include the following: Concerts, Festivals, I.M.E.A. Auditions and Festivals, Conference Festival, State Solo Ensemble Contest, State Organization Contest, Veterans' Day Program, Home Football Games, Melon Days Parade, Halloween Parade, Homecoming Parade, Madrigal Wind Ensembles, Memorial Day Parade, National Anthem at Home Athletic Events, and Graduation.

8115 - Jazz Band

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective
Course description: Instrumental experience preferred but not required. The Jazz Band is comprised of students in grades 9-12 who choose to study and perform a wide variety of literatures from the jazz idiom. Grades are based on attendance at all rehearsals and performances, attitude, effort, participation, improvisation development, and extra activities. The ensemble will perform throughout the community and for select concerts. Reading music is a part of performing in this ensemble. Students will be expected to study and learn how to read music throughout this course.

8120 - Choir

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective
Course description: Choir is an excellent opportunity to grow and to express yourself through vocal music. Grades are based on attendance at all rehearsals and performances, attitude, effort, lessons, participation, and extra activities. Performance opportunities include Concerts, Festivals, I.M.E.A. Auditions and Festivals, State Solo-Ensemble Contest, State Organization Contest, National Anthem at Athletic Events, Graduation, and Tours.

8131 – Music Appreciation

Credit: 0.5
Offered: First Semester Only
Prerequisites: Open
Selection Criteria: JR SR
Class Designation: Honors, College Credit (3)
Status: Elective and **students must pay for college credits.**
Course Description: Music Appreciation will provide students with an understanding of the cultural and creative nature of music artistry.

MUSIC / DRAMA

8133 – Music Theory

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Open
Selection Criteria: JR SR
Class Designation: Honors, College Credit (3)
Status: Elective and **students must pay for college credits.**
Course Description: Students will study the mechanics of music including both oral and written theory. This course is designed for the serious music student who want to study the fundamentals of music theory beginning with the basics.

8211 – Theater Performance

Credit: 0.5
Offered: First Semester Only
Prerequisites: Open
Selection criteria: SO JR SR (FR by audition only)
Class designation: Regular
Status: Elective
Course description: Students will learn the different aspects of presenting a performance such as acting, lighting, costumes, advertising and much more. Students will be preparing a play to be presented to the public. Participation in the production is a class requirement. Students may take this class more than once.

8212 – Intro to Drama and Theater

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Open
Selection criteria: SO JR SR (FR by audition only)
Class designation: Regular
Status: Elective
Course description: Students will study the tools needed to understand and perform drama. Students will receive instruction in the history of theater, theater concepts and conventions, and production techniques. This course will prepare students for the ever-changing world of performing arts.

AGRICULTURE

9010 AG I – Orientation to Agriculture Occupations CIP Code AG0010

Credit: 1
Offered: Full Year
Prerequisites: Open
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Class description: An orientation and familiarization course in agriculture science designed for students interested in farming, attending agriculture colleges, junior colleges, working on farm placement, or in related agricultural occupations. Core I materials are used for sequential competency based instruction. Course includes a critical examination of crop and soil science and relevant agriculture related businesses and professions. FFA introduction is completed along with beginning agri-business record keeping. Other areas included are basic animal science, farm carpentry, safety and operation on shop hand and power tools, and operating a computer. This course introduces students to several career opportunities. Students will pursue a study of jobs available and skills needed to be successful in them. Introduction to FFA CDE's is also taught.
REQUIREMENTS: Students must develop a supervised agricultural experience (S.A.E. 9011) in production agriculture, agriculture related business, or a combination of both. The program is to include production agriculture, employment experience, approved practice, improvement projects, supplementary farm jobs and FFA activities.

AGRICULTURE

9020 – AG II Agriculture Science CIP Code AG0020

Credit: 1
Offered: Full Year
Prerequisites: AG I – Orientation to Agriculture Occupations
Selection criteria: SO
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: Ag II includes applied plant and animal science and related farm mechanics designed for either production agriculture, placement in work experience programs, or post-secondary agricultural education. It includes an intense study of animal and crop production along with an investigation of agri-business procedures, Ag surveying, and Ag construction. Computer work in Ag includes types, terminology, care and programming. This program also includes subject matter and learning activities concerned with principles and processes involved in agri-business to include the areas of supply and service, Ag production, Ag resources, and forestry. Core I and II materials are the basis of competency based instruction in this course. Preparation for FFA CDE's will be done.
REQUIREMENTS: Expansion of S.A.E. (Supervised Agriculture Experience 9021) programs in production, agriculture, and/or Ag related business.

9030 – AG III Agriculture Business Operations CIP Code AG0110

Credit: 1
Offered: Full Year
Prerequisites: AG I – Orientation to Agriculture Occupations
Selection criteria: JR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: Ag III is designed for students in production agriculture, agriculture-related occupation, on-farm placement, or continuing agriculture education. It includes an intensive study of soils, fertilizers, Ag chemicals, conservation, ecology, and advanced Ag business, service management, and marketing. The farm mechanics activities will include electrical controls, electric motors, engine analysis, and overhaul of farm engines and harvesting tillage machines. Computer work involves multimedia presentation and application work. Core II materials are used as competency base for instruction. **If the student earns an "A" or "B" in the class he/she will receive dual vocational credit with Highland Community College.**
REQUIREMENTS: Intensive work in S.A.E. (9031) programs in production, agriculture and related occupations.

9040 – AG IV Agriculture Business Management CIP Code AG0100

Credit: 1
Offered: Full Year
Prerequisites: AG I – Orientation to Agriculture Occupations and Senior Standing
Selection criteria: SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: Ag IV is an advanced course in production agriculture and related agriculture. Emphasis is placed on all phases of farm management and planning: farm finance, insurance, marketing, and agriculture organizations are studied. Also included are taxes, law, resource analysis, purchasing, pricing, contracts, employer-employee relations, and job survival skills. Areas being implemented are livestock confinement management, crop management, and computerized farming. Core II and Core III materials serve as a competency base for instruction. Individualized study allows advanced study in agri-business operations and management.
REQUIREMENTS: Expanded S.A.E. (9041) Programs in production, Ag, and related Ag careers with records.

AGRICULTURE

9011,9021,9031,9041 - Supervised Agriculture Education (SAE)

Credit: 0.25
Offered: Concurrent with AG I, II, III, and IV
Prerequisites: Must be enrolled in AG I, II, III, or IV
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: The Supervised Agriculture Education Program is for students who have continued the experience of record keeping and management of their entrepreneurial or placement project. (1 credit maximum)

9050 – AG Construction CIP Code AG

Credit: 1
Offered: Full Year
Prerequisite: Open
Selection criteria: FR SO JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: Ag Construction is an introductory Ag Mechanics course. Students will be introduced to woodworking, welding, motors, electricity, and surveying.

9053 – Wildlife Management

Credit: 0.5
Offered: First Semester Only
Prerequisites: Open
Selection criteria: JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: This course is designed to introduce the importance of wildlife and its management. Topics will include history of wildlife management, principles of ecology, habitat requirements of wildlife, classification of animals, common practices in wildlife management, evaluating harvest, and managing ponds, developing wildlife management. Students will have many outdoor experiences with hands on activities.

9057 – Landscape Management CIP Code AG0600

Credit: 0.5
Offered: Second Semester Only
Prerequisites: Open
Selection criteria: JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: Landscape design will include design with hardscape. Students will design and construct a hardscape with stone, wood or other materials. Students will become familiar with plant materials including annuals, perennials, and woody species. Students will learn installation of and maintenance of landscape projects. This class will be directed at hands on activities.

9061 – Welding CIP Code MR0015

Credit: 0.5
Offered: Any Semester
Prerequisites: Open
Selection criteria: JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: This semester course is designed to familiarize students with metals, welding materials and equipment, techniques and safety. Students will learn TIG and MIG-welding, flat bead welding, butt welding, fillet and lap joint welding. Cutting metal with a plasma cutter will also be accomplished. Other skills to be developed will be, torch work, brazing, and bonding. Most of their time will be spent welding. Time will be split between the classroom and shop activities. Participation in the Ag Mech CDE is encouraged.

AGRICULTURE

9063 – Wiring CIP Code MR0020

Credit: 0.5
Offered: Any Semester
Prerequisites: Open
Selection criteria: JR SR
Class designation: Regular
Status: Elective, required to be in FFA (\$15 dues)
Course description: This semester course is designed to teach students the fundamentals of electricity, safety, and adequacy in wiring, planning wiring systems, emergency power supply, electrical service, service entrance, wiring techniques, wiring electrical devices and the selection of electrical tools and supplies. Students upon successful completion will be able to wire a dwelling, out buildings and simple appliances. This part of the course will include automation, sensing devices, control systems, including their principles of operation and maintenance. Students will identify systems, read diagrams, and wire devices into practical work situations. This course also teaches magnetism and the DC motor, induction and the AC motor, testing, identifying leads, connecting, reversing and trouble-shooting electric motors. Participation in the AgMech CDE is encouraged.

9075 – Intro to Pre-Vet Science

Credit: 1
Offered: Full Year
Prerequisite: Ag I and Ag II
Selection criteria: JR SR
Class designation: Regular
Status: Elective, Meets Elective Science Requirement, required to be in FFA (\$15 dues)
Course description: 1st Semester – Students will learn about careers in vet medicine, safety & sanitation, vet terminology, animal management & restraint of pets such as dogs, cats, etc. 2nd Semester – Use of microscopes in vet science, animal welfare and issues, clinical exams and vet management skills.

9093-4 - AG Co-op Work Study CIP Code IC0000

Credit: 1
Offered: Full Year
Prerequisites: Successful completion of Ag I and II. Applicant must file through Vocational Coordinator and Guidance Office. Final placement to rest with Ag Occupation Department.
Selection criteria: SR
Status: Elective, required to be in FFA (\$15 dues)
Course description: Students will be placed on farms or Ag-related businesses with the purpose of learning skills and management procedures. A definite training plan will be worked out with the employer. Students similarly will be placed in the seven Ag-related business and service occupations. Places of employment might be: feed and farm chemical supply services, implement dealers, farm mechanical repair shops, dairy plants, etc. As special emphasis is placed on the learning of marketable job skills conducive to career placement.

REQUIREMENTS: Students must have at least a 3-hour day job, with a signed agreement with employer and school. Records will be required of all trainees. **A pass/fail grading system is used.**

AREA CAREER VOCATIONAL CENTER

| | |
|---------------------|---|
| Credit: | 4 |
| Offered: | Full Year |
| Prerequisites: | Junior/senior standing and good attendance. |
| Selection criteria: | JR SR |
| Class designation: | Regular |
| Status: | Elective - Vocational |
| Course description: | Are as follows: |

9225 - Graphic Communications – Graphic Communications is a program that introduces students to the printing industry. Instruction provides experience in composition, layout and design, Desktop Publishing, photography, darkroom techniques, press and copier operation, screen printing, finishing techniques/bindery, video production, electronic imaging and computer graphics.

9240 - Health Occupations I & II – Students entering Health Occupation I will be given an opportunity to complete their CNA certification including learning basic health care skills, first aid, CPR, and taking vital signs. They will also be taught Medical terminology, career exploration, and computer applications in health care, some receptionist techniques and job seeking skills. Students entering Health Occupations II will learn about advanced medical terminology, anatomy, physiology, a selected career study and participate in an internship program with area health

9250 - Child Care Management I & II – This course is designed to provide students with related instruction and actual training in a preschool setting. The students will have opportunities to apply their learning and skills daily in the laboratory preschool they will operate and manage. Students will work on competencies regarding children’s play, safety, and health as well as many others. The classroom is a hands-on lab where you learn by “working” and “teaching” daily.

9254 - Restaurant Management – Students taking Restaurant Management will be involved in a two-year program. Students will learn the fundamentals of classical cuisine and business the first year. The second year, students will move on to more advanced cuisine and business practices. Students will be required to participate in an internship at a local restaurant for a period of 10 months. This will be a paid work experience, taking place on weeknights and weekends. Students will also participate in many extracurricular activities involving the local restaurant community.

9256 – Criminal Justice – This course is designed to train student in various aspects of law enforcement and the legal system. Students will receive instruction in various aspects needed for a career in the criminal justice field. Major objectives of the program include; history of law enforcement, constitutional law, Illinois law, courts and the legal system, communication and dispatch operations, report writing and records, criminal investigations, search and seizure, community relations, patrol functions, traffic investigations, corrections, private security operations, and criminology. Computers are used to enhance the student’s learning experiences in the field. Community activities will include internships and job shadowing experiences. The development of employability and transition skills will be included in the course.

9262 - Transportation Technologies – Auto Mechanics I & II – Learn what makes a car work! Units of instruction include; General maintenance, Brakes, Tune-up, Power trains, Fuel systems, and Wheel alignment. Students will have an opportunity to work on their own cars.

9264 - Transportation Technologies – Body and Fender Repair I & II – Students enrolled in this course will develop skills in the following; Welding, Metal straightening, Panel replacement and alignment. Paint selection, matching, mixing and application are also taught.

9269 - Computer Networking – CISCO – This program provides training and work experience in local and wide area computer networking. Developed in conjunction with the world’s leading manufacturer of Internet working hardware, Cisco Systems. Areas of emphasis include; Wiring, Security, Design, Implementation, Support, and Routing. Students leave this two year program with the skills and knowledge necessary to pass the Cisco Certified Network Associates exam.

9270 - Construction Technology – Build a house. Learn how to do concrete work, framing, roofing, siding, plumbing, electrical work, and finish carpentry, while building a house over 2 years. Prepare yourself for a job when you graduate.

RESOURCE ROOM

Secondary Resource Room (9-12)

Credit: To Be Determined

Prerequisites: Active Individualized Education Program (IEP) on file.

Selection criteria: FR SO JR SR

Class designation: Remedial

Status: Elective and/or required

Course description: Students who have difficulty achieving success in a regular education classroom setting can benefit from the resource room services. These services are provided on an individualized basis according to their IEP. A teacher, parent, or student may make a referral to the Student Assistance Team (SAT). Testing is required to determine eligibility.

Students can receive small group instruction in this classroom. The programs in the resource room are designed for the student to experience academic success. The subjects taught in the resource room are listed below.

1010 – Freshmen English

1020 – Sophomore English

1030 – Junior English

1040 – Tech Prep English

3009 – Basic Science

3019 – Living Science

2010 – Math 1

2020 – Math 2

2030 – Math 3

4009 – World History

4019 – American History

4029 – American Government

1546 – STEP Program CIP Code IC0000

Credit: Varies 0.5 to 2 credits

Prerequisite: An active IEP and current psychological evaluation. Must meet Department of Human Service guidelines.

Selection criteria: JR SR

Class designation: Remedial

Status: Elective (requires STEP Coordinator approval)

Course description: STEP (Secondary Transitional Experience Program) is a training/placement program that prepares students with disabilities for transition to employment and community participation during and after high school. The goal of STEP is to provide experiences that will most effectively prepare a student for life after high school by; 1) Assisting in developing desirable work habits and realistic career goals; 2) Providing opportunities to explore careers and gain meaningful work experiences through on-the-job placement; and 3) Helping develop the social and personal skills to maintain successful employment. Juniors and Seniors may work during school hours with special permission and arrangements with the STEP Coordinator. **A pass/fail grading system is used.**