ROCKRIDGE HIGH SCHOOL
REGISTRATION MATERIALS
2012-2013

COURSE DESCRIPTIONS
and
GRADUATION REQUIREMENTS

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ROCKRIDGE HIGH SCHOOL
ROCKRIDGE COMMUNITY UNIT SCHOOL DISTRICT #300
REGISTRATION 2012-2013

These materials are designed to help you plan your course of study for next year. This information will enable you to select and schedule classes that will increase your chances of obtaining both education and employment after completing High School. That is why the choices you make now are so very important. Students and parents are urged to thoroughly familiarize themselves with graduation requirements and course offerings. Most of the answers to questions which might arise should be herein contained. However, you are urged to inquire about any question or problem for which you need further information.

Please use this booklet of course descriptions with care as you fill out your course request sheets. Follow all directions as given so there are no mistakes. Please remember that your future begins with the plans you make today.

Rockridge is proud of the accomplishments of our students. We believe that you will add to that fine tradition. Please give careful consideration to establishing directions and goals for your future, then select from us those educational experiences that will best enable you to reach those goals. Do not forget to consider both extra-curricular activities and graduation requirements.

Our high school is fully recognized by the Illinois State Board of Education.

We are looking forward to another great year in 2012-2013.

Katy J. Hasson, Principal
Rockridge High School
"Home of the Rockets"

GRADUATION REQUIREMENTS

The following requirements for graduation have been established by the Board of Education.

1. Credits: a minimum of twenty-two **(22)** units of credit.
2. Attendance: eight **(8)** semesters.
3. English: four **(4)** units of credit, with a minimum of 8 semesters required.
4. Science: two **(2)** unit of credit.
5. Mathematics: three **(3)** units of credit. (must include Algebra and Geometry)
6. Social Studies: one **(1)** unit of credit in U.S. History, one-half **(1/2)** unit of credit in American Government and one-half **(1/2)** unit of Social Studies elective credit. Students are required to pass both the U.S. and Illinois Constitution Exams.
7. Consumer Education: one-half **(1/2)** unit of credit.
8. Health: one-half **(1/2)** unit of credit.
9. Driver Education: one-half **(1/2)** unit of credit.
10. Physical Education: four **(4)** units of credit. One-half (1/2) unit of credit may be waived during the semester in which Health is taken.
11. Other: one **(1)** unit of credit in any of the following areas: art, band, chorus, foreign language, or vocational education.

FACTORS TO CONSIDER WHEN SELECTING COURSES

1. A regular class load is six (6) classes (including Physical Education) and a study hall each semester.

2. Students wanting more than six (6) classes must consult the guidance department before registering.

3. Planning a four year program of studies is essential to your post-high school career.

4. Many courses have prerequisites. Keep these in mind when selecting your next year's courses. Exceptions may be granted upon approval by instructor.

5. Foreign languages are usually taken for two or more years.

6. Only one study hall per semester is allowed. More than one study hall requires counselor permission.

7. **SENIORS:** Candidates for graduation must have successfully completed all of the requirements for graduation before participating in Commencement Exercises.

AREA CAREER CENTER COURSES

ACC AUTO MECHANICS 1 (544V) **209901**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
Prerequisites: Energy Utilization/Transportation/Intro to Electronics or Digital Electronics strongly recommended.
Course Description: See course description under ACC Auto Mechanics 2. (I350)

ACC AUTO MECHANICS 2 (545V) **209921**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
Students are expected to provide adequate work clothing, but they are not required to purchase specific items of clothing. Prerequisites: Successful completion of ACC Auto Mechanics 1 and teacher recommendation. Course Description: This is a two-year program designed to prepare students for a career in the automotive service industry. This field becomes more technical every day, requiring intelligent service personnel. Students study a variety of automotive systems during the two years. Students also participate in many lab activities on actual vehicles. The opportunity to build a firm foundation in the automotive service field is here for interested students. (I450)

ACC DIESEL MECHANIC/TECHNICIAN INTERNSHIP (559V) **209988**
Grade 12
3.0 Credits
Full Year Course
Fees: None
Prerequisites: Successful completion of ACC Auto Mechanics 1 and instructor recommendation. Must provide own transportation to internship site.
Course Description: This is a one-year course designed to provide students with work-based training as a diesel mechanic/technician. This course is specifically targeted for students who have successfully demonstrated aptitudes and abilities in auto mechanics but prefer to specialize in diesel-powered equipment. Interns will be placed at service shops in the Quad City area. Students who successfully complete this course will have the opportunity to continue training for certification at Scott Community College. (I453)

ACC BANKING INTERNSHIP 1 (578V) **209940**
Grade 11
3.0 Credits
Full Year Course
Fees: None
Prerequisites: Selection by screening committee. Must provide own transportation to internship site.
Course Description: See course description under ACC Banking Internship 2. (B380)

ACC BANKING INTERNSHIP 2 (579V) **209941**
Grade 12
3.0 Credits
Full Year Course
Fees: None
Prerequisites: Credit in ACC Banking Internship 1. Must provide own transportation to internship site.
Course Description: ACC Banking Internship 1 and ACC Banking Internship 2 is a two-year program in the banking/finance industry. It is taught on site at the Area Career Center and off sited at THE National Bank by both an Area Career Center instructor and various banking personnel. During the year, emphasis is placed on basic communication skills, financial terminology, principles of banking, ethics, and teller and proof training. A paid work component is part of this course with emphasis on teller training and teller work experience. Enrollment is based on GPA, attendance and discipline. Computer-related classes are emphasized. (B480)

ACC BARBERING 1 (536V) **209911**
Grades 11 12
3.0 Credits
Full Year Course
Fees: None
Prerequisites: In most cases, students must provide their own transportation.
Course Description: See course description under ACC Barbering 2. (F300)

ACC BARBERING 2 (537V) **209915**
Grade 12
3.0 Credits
Full Year Course
Fees: Cost of tools will be negotiated.
Prerequisites: Credit in ACC Barbering 1. In most cases, students most provide their own transportation.
Course Description: These courses are approved and licensed by the Department of Professional Regulation. They offer both theory and practice in the following areas as they relate to the practice of barber science and art: Anatomy, physiology, skin diseases, hygiene and sanitation, barber history, barber law, hair cutting and styling, shaving, shampooing and permanent waving, massaging, and implements. The program will be offered by contracting with a private barber college. (F400)

ACC BUILDING TRADES 1 (550V) **209905**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
Prerequisites: Woodworking 1 recommended.
Course Description: See course description under ACC Building Trades 2A. (I420)

ACC BUILDING TRADES 2 (551V) **209904**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
Prerequisites: Successful completion of ACC Building Trades 1 and teacher recommendation.
Course Description: See course description under ACC Building Trades 2A. (I420)

ACC CHILD CARE 1 (552V) **209903**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $10 fall semester-lab
$5 spring semester-lab
Prerequisites: Child Development and/or Parenting recommended. A current physical and TB test is required. Art supplies to be purchased by student are optional.
Course Description: See course description under ACC Child Care 2. (F330)

ACC CHILD CARE 2 (555V) **209925**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 semester-lab
$7 binder
Prerequisites: Satisfactory completion of ACC Child Care 1 and instructor recommendation.
Course Description: This course is designed to give students classroom and practical training hours in order to qualify for the CDA (Child Development Associate) credential. Students are given the opportunity to fulfill the CDA requirements by working with children at a child care site during the academic school year. Classroom instruction is also provided for meeting other requirements necessary to be fully qualified for employment at a licensed child care center upon graduation from high school. A course in child development is required for certification. For those students interested in expanding their knowledge in elementary education or special education a non-CDA component is also available. (F430)

ACC COLLISON DAMAGE REPAIR 1 (542V) **209906**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
$7 leather gloves
Cotton coveralls to be purchased by student
Prerequisites: None
Course Description: See description following ACC Collision Damage Repair 2. (I340)

ACC COLLISON DAMAGE REPAIR 2 (543V) **209920**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
$7 leather gloves
Cotton coveralls to be purchased by student
Prerequisites: Successful completion of ACC Collision Damage Repair 1 and instructor recommendation.
Course Description: This is a two-year program that requires students with good manual dexterity and an appreciation for craftsmanship in a high demand field. In these courses students have the opportunity to develop skills in welding, metal forming and straightening, and to apply an understanding of geometry to frame and front alignment. Also included is instruction in straightening doors and fenders, replacement of panels, alignment of all sheet metal parts, mixing and matching paints, and paint application. The second year of the program includes instruction in making shop tickets, replacing automotive glass, and custom painting and framework. (I440)

ACC COSMETOLOGY (554V) **209923**
Grade 12
3.0 Credits
Full Year Course
Fees: $25 each semester
$16 uniform
Prerequisites: In most cases, students must provide their own transportation.
Course Description: Students are given the opportunity to enroll in an accredited area cosmetology college and complete approximately 400 hours of the Illinois state requirements for certification. Following graduation from high school, students may complete certification requirements at the cosmetology college. The cosmetology college will provide tools and equipment. (F410)

ACC CULINARY ARTS PARTNERSHIP PROGRAM (593V) **209989**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Must provide own transportation to internship site.
Course Description: This is an internship in the basics of culinary arts and food service. Food management skills (sanitation, food production, menu planning and food purchasing) are practiced in a business and classroom setting. Emphasis is given to building participation hours to be used in articulation to an accredited culinary arts two-year program. Careers in the food service industry will be reviewed. (F450).

ACC DESIGN AND DRAFTING 1 (560V) **209909**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Drafting 1 and Communication Technology recommended.
Course Description: See course description under ACC Design and Drafting 2. (I360)

ACC DESIGN AND DRAFTING 2 (561V) **209924**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Credit in ACC Design and Drafting 1.
Course Description: These courses offer students the opportunity to specialize in architectural or mechanical drafting. In architectural drafting, students experience all aspects of architectural work, house plan design, proper use of equipment, presentation drawings, model building, blueprint reading and residential building construction. A heavy emphasis is placed on computer-aided drafting. Students will use Auto CAD software to produce the drawings required for class. Students will also use Auto CAD to produce 3D solids and renderings of the projects they draw. In mechanical drawing, students are introduced to 3-view drawings, sectioning, auxiliary views, pictorial drawings, design, lettering, layout, proper equipment use and blueprint reading using traditional drafting skills and techniques. Students use Auto CAD to produce 3D solids and renderings along with the drawings previously mentioned. (I460)

ACC EXTENDED CAMPUS HEALTH OCCUPATIONS (ECHO) 1 (538V) **209908**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$20-$40 white uniform and shoes
$65 State Certification Testing (optional)
Prerequisites: None
Course Description: This is a Certified Nursing Assistant program approved by the Illinois Department of Public Health (Program #0288). At the end of this year-long course, students who complete all requirements will be eligible to take the Illinois Competency Exam and will receive CNA credentials. Students in this class will be introduced to the fundamentals of health care and nursing assistant skills through theory, lab and clinical rotations. Clinical rotations involve students in direct patient care in nursing homes and hospitals under supervision of the UT ACC clinical instructor. This class is an eight-hour dual credit class. (H300)

ACC EXTENDED CAMPUS HEALTH OCCUPATIONS (ECHO) 2 (539V) **209938**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Must have earned a "B" average in ECHO 1, passed the CNA test and have instructor approval. Must provide own transportation to internship site.
Course Description: This course is comprised of two theory sections: first semester—three hour dual credit medical terminology class; second semester—pathophysiology basics. Students will also be involved in various short clinical internships of their choosing. Students must provide their own transportation to internship sites. (H400)

ACC FIRE SCIENCE/FIRE FIGHTING 1 (597V) **209952**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: None
Course Description: See course description under ACC Fire Science/Fire Fighting 2. (I315)

ACC FIRE SCIENCE/FIRE FIGHTING 2 (598V) **209953**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Successful completion of ACC Fire Science/Fire Fighting 1 and instructor recommendation.
Course Description: This is a two-year program that introduces students to the fire science and fire fighting career. Fire Science/Fire Fighting 2 is a preparation-level course for students who have completed Fire Science/Fire Fighting 1 and will continue to develop those skills. Students will also learn how to use fire hoses and control property loss along with fire control techniques, detection systems and prevention practices. Instruction will also include communication procedures, maintaining fire-related equipment and vehicles, and securing and protecting evidence. Students will learn procedures for treating poisonings and allergic reactions, environmental emergencies, and hazardous waste removal as well as how to treat soft tissue, musculoskeletal,

and head and spine injuries. Instruction will also include handling emergencies related to infants, children and senior citizens; firefighter survival; firefighter rescue; rope skills; and tying as it pertains to rescue and fire ground operations. (I415)

ACC GRAPHIC ARTS 1 (564V) **209902**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: UT Graphic Arts (517) recommended.
Course Description: See course description under ACC Graphic Arts 2. (I370)

ACC GRAPHIC ARTS 2 (565V) **209910**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Credit in ACC Graphic Arts 1.
Course Description: This is a two-year program that introduces students to the graphic arts/printing industry. This program provides instruction in Desktop Publishing using Adobe programs, design and layout, digital photography, press preparation and operation, bindery operation, silk-screening, heat press operation, embroidery and graphic sign making. (I470)

ACC LAW AND PUBLIC SAFETY 1 (582V) **209898**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Juniors who are interested in law and law enforcement.
Course Description: See course description under ACC Law and Public Safety 2. (I310)

ACC LAW AND PUBLIC SAFETY 2 (583V) **209899**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
Prerequisites: Credit in ACC Law and Public Safety 1.
Course Description: This is a skill-level course for students who have completed ACC Law and Public Safety 1. Students will learn basic investigative techniques for crimes against people and property. Instruction will include how to conduct a preliminary investigation and protect a crime scene. Students will learn how to collect and preserve physical evidence including dusting latent prints, casting, fingerprint classification, and use of portable crime laboratory equipment. Students will also learn how to conduct interviews, complete police reports, use police equipment and testify in court. Instruction will also include traffic control, personal security and law enforcement administration. (I410)

ACC MANUFACTURING TECHNOLOGY 1 (573V) **209928**
Grade 11
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
Prerequisites: Selection by Screening Committee
Course Description: See course description under ACC Manufacturing Technology 2. (I300)

ACC MANUFACTURING TECHNOLOGY 2 (574V) **209927**
Grade 12
3.0 Credits
Full Year Course
Fees: $5 each semester-lab
$3 safety glasses
Prerequisites: Credit in ACC Manufacturing Technology 1.
Course Description: This is an innovative program in which students experience manufacturing processes first-hand. Most training will be conducted on site at the John Deere Harvester Works East Moline plant. Students will receive training from experienced precision metal workers on current production machines and equipment. John Deere employees will lead these

students through a wide variety of educational experiences in order to teach technical skills as well as general employability skills. Management personnel conduct training seminars in such areas as teamwork and problem solving. Candidates for this program must have a proven history of good attendance. Applicants are selected through an interview process with John Deere Harvester Works staff. (I400)

ACC WELDING 1 (570V) **209913**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $10 each semester-lab
$3 safety glasses
$7 gloves
In addition, students are expected to provide appropriate work clothes but they are not required to purchase specific items of clothing.
Prerequisites: None
Course Description: See course description under ACC Welding 2. (I385)

ACC WELDING 2 (571V) **209914**
Grade 12
3.0 Credits
Full Year Course
Fees: $10 each semester-lab
$3 safety glasses
$7 gloves
Students are expected to provide appropriate work clothes but they are not required to purchase specific items of clothing.
Prerequisites: Credit in ACC Welding 1
Course Description: This is a two-year program designed to make students employable as welders in local industry. This course provides instruction in common welding processes including oxyacetylene; brazing; soldering; electric arc; MIG and TIG as well as in the preparation and layout of different welding joints; the care of expansion, contraction and stressing of metals; and the operation, care and repair of welding equipment. (I485)

ACC WOODWORKING TRADES 1 (548V) **209933**
Grades 11 12
3.0 Credits
Full Year Course
Fees: $12 each semester-lab
$3 safety glasses
Material costs for individual projects
Prerequisites: None
Course Description: See course description under ACC Woodworking Trades 2. (I390)

ACC WOODWORKING TRADES 2 (549V) **209934**
Grade 12
3.0 Credits
Full Year Course
Fees: $12 each semester-lab
$3 safety glasses
Material costs for individual projects
Prerequisites: Successful completion of ACC Woodworking Trades 1
Course Description: This is a two-year program that prepares students to be entry-level cabinetmakers and mill workers. Students are introduced to both entry-level and advanced levels of cabinetry and the precision phases of the cabinetmaking trade. Units of study include machine set up and safety, small box construction projects (jewelry and shadow boxes), 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 are taught which include team building, problem solving and career exploration. Machine woodworking experience is recommended. (I490)

AGRICULTURE

INTRODUCTION TO AGRICULTURE INDUSTRY

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, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics will be presented. Improving computer and workplace 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..

GRADE LEVEL: 9-10
CREDIT: 1
COURSE NUMBER: 017200
PREREQUISITE: None

BASIC AGRICULTURAL SCIENCE

This orientation course builds on basic skills and knowledge gained in the Introduction to Agriculture Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, and advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace 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.

GRADE LEVEL: 9-10
CREDIT: 1
COURSE NUMBER: 017201
PREREQUISITE: Introduction to Agriculture Industry or Teacher Consent

AGRICULTURAL MECHANICS AND TECHNOLOGY (course offered 2011-12 & 2013-14)

This course will concentrate on expanding students' knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are: design, fabrication, maintenance, welding, and employability skills. Careers of agricultural welder, equipment designer, parts manager, safety inspector, welder, 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017243
PREREQUISITE: Introduction to Agriculture Industry and Basic Agricultural Science or Teacher Consent

AGRICULTURE MACHINERY SERVICE (course offered 2011-12 & 2013-14)

This comprehensive machinery service course concentrates on the following areas: using service manuals, fundamentals of multi-cylinder engines, assembling and adjusting agricultural equipment, human relations, and sales techniques. Careers such as agricultural equipment salesperson, mechanic, parts manager, sales manager, service technician, 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017246
PREREQUISITE: Introduction to the Agriculture Industry and Basic Agricultural Science or Teacher Consent

TURF GRASS MANAGEMENT (course offered 2011-12 & 2013-14)

This course focuses on turf segments of the horticulture industry and turf management. Also included are turf grass production, and small engine repair and maintenance. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising, and sales. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017227
PREREQUISITE: Introduction to the Agriculture Industry and Basic Agricultural Science or Teacher Consent

LANDSCAPING DESIGN AND MAINTENANCE (course offered 2011-12 & 2013-14)

This course focuses on the landscape and nursery. Units of student instruction include: identifying landscape plants, designing landscape plans, hardscape construction techniques, and installing landscape plants. Also included are nursery production and maintenance of existing landscapes. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising, and sales. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017228
PREREQUISITE: Introduction to the Agriculture Industry and Basic Agriculture Science or Teacher Consent

AGRICULTURE COMMUNICATIONS (course offered 2011-12 & 2013-14)

Students will analyze current agricultural issues and determine how they affect people on all sides of the issue. The students then learn and enhance their written and oral communication skills by presenting their views and opinions to the class. Students learn how to arrange and present debates, speeches, and interviews to be effective leaders in today's society. 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.

GRADE LEVEL: 11-12
CREDIT 1/2
COURSE NUMBER: 017236
PREREQUISIT: Introduction to Agriculture Industry and Basic Agriculture Science or Teacher Consent

AGRICULTURAL LEADERSHIP (course offered 2011-12 & 2013-14)

This course is designed to provide students with the knowledge and leadership experiences to help them become successful in life and in the workplace. Students will further enhance their potential for leadership development, personal growth, and career success. 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.

GRADE LEVEL: 11-12
CREDIT 1/2
COURSE NUMBER: 017237
PREREQUISIT: Introduction to Agriculture Industry and Basic Agriculture Science or Teacher Consent

AGRICULTURAL BUSINESS MANAGEMENT (course offered 2012-13 & 2014-15)

This course will develop students' understanding of the agricultural industry relating to the United States and World marketplace. Instructional units include: business ownership types, planning and organizing the agribusiness, financing the agribusiness, keeping and using records in an agribusiness, operating the agribusiness, agricultural law, taxes, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017244
PREREQUISITE: Introduction to Agriculture Industry and Basic Agricultural Science or Teacher Consent

AGRICULTURE CONSTRUCTION AND TECHNOLOGY (course offered 2012-13 & 2014-15)

This course focuses on the knowledge, hands-on skills, and work place skills applicable to construction in the agricultural industry. Major units of instruction will include: personal safety, hand tools, power tools, blue print reading, surveying, construction skills in carpentry, plumbing, electricity, concrete, 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017248
PREREQUISITE: Introduction to Agriculture Industry and Basic Agricultural Science or Teacher Consent

HORTICULTURE SCIENCE (course offered 2012-13 & 2014-15)

This course offers instruction in both the floriculture and landscape areas of horticulture. Units of study include plant identification, greenhouse management, culture of greenhouse crops, care and handling of cut flowers. Also included are installation and maintenance, horticulture mechanics, and nursery management. Agribusiness units will cover operating a horticulture business, pricing work, advertising, and sales. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017247
PREREQUISITE: Basic Agricultural Science and Introduction to Agriculture Industry or Teacher Consent

GREENHOUSE PRODUCTION AND MAINTENANCE (course offered 2012-13 & 2014-15)

This course focuses on the greenhouse management and related segments of the horticulture industry. Major units of study include greenhouse structures, greenhouse production, and the culture of greenhouse crops. Also included are care and handling of cut flowers. Agribusiness units will be introduced in merchandising, advertising, and sales. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 017229
PREREQUISITE: Introduction to the Agriculture Industry and Basic Agricultural Science or Teacher Consent

VETERINARY TECHNOLOGY (course offered 2012-2013 & 2014-15)

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT 1/2
COURSE NUMBER: 017234
PREREQUISIT: Introduction to Agriculture Industry and Basic Agriculture Science or Teacher Consent

AGRICULTURAL BIOTECHNOLOGY (course offered 2012-13 & 2014-15)

This course examines the agricultural applications of biotechnology; the use of living organisms to solve problems or make useful products. Applications include technologies used in bioprocessing, cell/tissue culture, genetic and protein engineering. Specific units of instruction include: impacts of biotechnology, genetics, and biotechnology in plant, animal, and microbial science. Students are provided with information needed for considering a career in the emerging occupation of agriculture biotechnology technician. Additional opportunities include employment in the laboratory performing tissue culture or DNA synthesis, caring for animals in research settings, performing plant field trials, or growing plants in research greenhouses and growth chambers. Improving computer and workplace 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.

GRADE LEVEL: 11-12
CREDIT 1/2
COURSE NUMBER: 017235
PREREQUISIT: Introduction to Agriculture Industry and Basic Agriculture Science or Teacher Consent

SUPERVISED AGRICULTURAL EXPERIENCE (SAE) I

This course is designed to establish knowledge and skills in various agricultural careers. Students will establish a project at their home, at a local business, or at their school after normal school hours. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision will be conducted to the student's home or place of employment. SAE records should be evaluated at least once per month. In addition, SAE lessons are integrated in each agricultural course. SAE participation can lead to fulltime employment, scholarships, and awards through the FFA.

GRADE LEVEL: SAE I: 9-10
CREDIT: None
COURSE NUMBER: SAE 1
PREREQUISITE: Approval required from department head

SUPERVISED AGRICULTURAL EXPERIENCE (SAE) II

This course is designed to establish knowledge and skills in various agricultural careers. Students will establish a project at their home, at a local business, or at their school after normal school hours. Students are encouraged to add additional projects, experiences, scope, and growth involving managerial and decision making skills. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision will be conducted to the student's home or place of employment. SAE records should be evaluated at least once per month. In addition, SAE lessons are integrated in each agricultural course. SAE participation can lead to fulltime employment, scholarships, and awards through the FFA.

GRADE LEVEL: SAE I: 11-12
CREDIT: None
COURSE NUMBER: SAE 2
PREREQUISITE: SAE I and approval of department head.

BUSINESS EDUCATION

KEYBOARDING

This course involves the mastery of the keyboard and computer. It is designed to develop typing technique, build speed and accuracy on the keyboard, enhance proofreading skills, and the formatting of personal business letters, envelopes, memorandums, reports with references, outlines and tables. Major emphasis is placed on keyboarding technique, proofreading and correcting errors.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 025249
PREREQUISITE: None

COMPUTER APPLICATIONS I

This introductory course will build student understanding of computer terminology, hardware, and software applications. Emphasis will be placed on Microsoft Office applications including Word, Excel, and PowerPoint. Students will learn to create and manipulate documents, spreadsheets, and databases through project based learning activities. Emphasis will be placed on Office applications integrating project-based problem solving.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 25250
PREREQUISITE: None

COMPUTER APPLICATIONS II

Students will apply their knowledge of word processing, spreadsheets, and databases to solve a variety of business situations using advanced computer applications. Emphasis will be placed on critical thinking and problem solving using the computer. An introduction to desktop publishing is also included.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 25251
PREREQUISITE: Computer Applications I

DESKTOP PUBLISHING (Weighted)

This course continues to develop skills in advanced computer applications. Using various desktop publishing software applications students will become competent in the development of business communications such as pamphlets, brochures, newsletters and websites. Through extensive project based activities, students will also foster critical thinking, team working, and problem solving skills.

GRADE LEVEL: 11-12 (10 with written permission of the instructor and guidance counselor)
CREDIT: 1/2
COURSE NUMBER: 025348
PREREQUISITE: Computer Applications II

WEB PAGE DESIGN (Weighted)

Students will develop skills to plan, create, and maintain web pages. Students will cover in-depth material covering organization, structuring information, programming utilizing HTML, and generating/editing web pages. Through extensive project based activities, students will also foster critical thinking, team working, and problem solving skills.

GRADE LEVEL: 11-12 (10 with written permission of the instructor and the guidance counselor)
CREDIT: 1/2
COURSE NUMBER: 25252
PREREQUISITE: Computer Applications II

RECORDKEEPING

This is a one semester course to prepare students for activities in the business office, and at the same time to have students become better record keepers of their own personal affairs. Business records, personal cash records, club records, tax records, handling cash and bank records, social security records and many common business forms will be included.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 025507
PREREQUISITE: None

ACCOUNTING IA

Accounting is useful to everyone. Owners and managers need accounting to understand the businesses they are running. Sales and office clerks complete accounting forms and prepare accounting reports. Secretaries take dictation using basic accounting terms and may be required to perform basic accounting functions. All persons can use accounting in personal financial activities. Computer applications are integrated throughout the course. It is felt that two semesters are needed to get a student to the point where accounting can be of use in his/her personal life, business life, or for advanced study of accounting.

GRADE LEVEL: 10-11-12
CREDIT: 1/2 credit per semester
COURSE NUMBER:
PREREQUISITE: None

ACCOUNTING IB

Accounting 1B continues with a study of previously learned principles as they apply to more complicated types of business organizations learned in Accounting 1A. Accounting procedures, principles, and terminology are built upon in a different type of business ownership. More financial statements are introduced. It is felt that two semesters are needed to get a student to the point where accounting can be of use in his/her personal life, business life, or for advanced study of accounting.

GRADE LEVEL: 10-11-12
CREDIT: 1/2 credit per semester
COURSE NUMBER:
PREREQUISITE: Accounting 1A with C average or better.

ACCOUNTING IIA (Weighted)

This course builds upon the foundation established in Accounting I. This course is planned to develop a deeper knowledge of the principles of accounting with more emphasis placed on financial statements and their interpretation. Computer applications are integrated throughout the course.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 025589
PREREQUISITE: Accounting IB with C average or better

ACCOUNTING IIB (Weighted)

Accounting continues with a study of previously learned principles as they apply to more complicated types of business organizations. Students will become familiar with specialized fields of accounting such as cost accounting for manufacturing businesses and accounting for branch offices. Computer applications are integrated throughout the course.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 025590
PREREQUISITE: Accounting IIA with C average or better.

ENTREPRENEURSHIP

This course will explore the process of running a business of one's own. Basic economic principles will be studied along with what skills an entrepreneur needs. A student business will be started, operated, and dissolved the first nine weeks. A computer simulation where student groups compete to make the most profit will be emphasized the second nine weeks.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 025667 PREREQUISITE: None

CONSUMER EDUCATION

This course presents the commonplace functions of business that everyone will experience in his/her personal life. Units include: 1) Insurance, 2) Banking, 3) Income Tax, 4) Credit, and 5) Saving and Investing. It also will give each student a better understanding of American business and its place in our social and economic environment. Finally, this course will provide essential background for those students who plan further study in business and economics.

GRADE LEVEL: 11-12 (required)
CREDIT: 1/2
COURSE NUMBER: 025887
PREREQUISITE: None

DUAL CREDIT COURSES

DUAL CREDIT COURSES: - are offered to senior students. (Juniors have the opportunity to take the Dual Credit Music Appreciation Class.) College credit is offered through Black Hawk College or Muscatine Community College and is transferable to most Colleges and Universities

AGRICULTURE

ANIMAL SCIENCE (Weighted)

This class is designed to provide students with a better understanding of the practices of feeding programs, housing requirements, reproduction programs, gestation periods, sanitation and disease control problems and background knowledge needed to become better engaged in the livestock production enterprises.

GRADE LEVEL: 11-12
CREDIT: 1 (RR) / 3 SH (MCC)
COURSE NUMBER: DAg 1
PREREQUISITE: Introduction to Agriculture Industry and Basic Agricultural Science or teacher approval.

ENGLISH

ENGLISH 101 (Composition I) (Weighted)

This is a semester long college level course designed for students who are competent in the fundamentals of composition. Students will do an extensive amount of writing involving essays using a variety of expository strategies and will apply standard techniques of documentation when appropriate. Students will purchase their textbooks for this course. Successful completion of the course will earn the student 3 credit hours of college credit through Black Hawk College.

GRADE LEVEL: 12
CREDIT: 1 (RR) / 3 SH (BH)
COURSE NUMBER: DEn 101
PREREQUISITE: Successful writing score on the COMPASS test.

ENGLISH 102 (Composition II) (Weighted)

This is a semester long college level course which is a continuation of English 101. This composition course involves reading, discussion, and analysis of a body of literature to generate ideas for critical and persuasive papers, including one documented research paper. Students will purchase their textbooks for this course. Successful completion of the course will earn the student 3 credit hours of college credit through Black Hawk College.

GRADE LEVEL: 12
CREDIT: 1 (RR) / 3 SH (BH)
COURSE NUMBER: DEn 102
PREREQUISITE: Grade of "C" or better in English 101. Students who do not earn a grade of "C" or better, or who choose not to continue with English 102, will be required to enroll in English IV second semester.

MUSIC

MUSIC APPRECIATION (Weighted)
This class is for non-music majors only. We will study literature of Western art music emphasizing important composers and prevailing styles of various eras. In addition, we will cover history of jazz, rock, pop, and world music and their importance and relevance in Western and world culture. Listening skills will be developed. Classroom activities will include listening, reading, note-taking and demonstration. - This course meets a humanities (Fine Arts) requirement in the Associate in Arts degree and Associate of Science degree. It may be used as an elective and will transfer to upper division institutions.
GRADE LEVEL: 12
CREDIT: 1 (RR) / 3 SH (BH)
COURSE NUMBER: DMu 154
PREREQUISITE: Successful reading score on the COMPASS test.

DUAL CREDIT COURSES

DUAL CREDIT COURSES: - are offered to senior students. (Juniors have the opportunity to take the Dual Credit Music Appreciation Class.) College credit is offered through Black Hawk College or Muscatine Community College and is transferable to most Colleges and Universities

SOCIAL STUDIES

HISTORY 105 (History of the United States to 1865) (Weighted)
This is a semester long college level survey history of the United States from the discovery of America through 1865. Successful completion of the course will earn the student 3 credit hours of college credit through Black Hawk College. The course will focus on the nation's beginning, settlement and Westward expansion, the development of the American government, the growth of the American economy, the evolution of an American style of life and thought, and the development of sectionalism culminating in the Civil War. Students will purchase their textbooks for this course. Additional readings beyond the textbook will be required. A detailed syllabus of course requirements will be made available by the instructor.
GRADE LEVEL: 12
CREDIT: 1 (RR) / 3 SH (BH)
COURSE NUMBER: DHi 251
PREREQUISITE: Successful reading score on the COMPASS test.

HISTORY 106 (History of the United States since 1865) (Weighted)
This is a semester long college level survey history of the United States from the end of the Civil War to the present. Successful completion of the course will earn the student 3 credit hours of college credit through Black Hawk College. The course examines the rise of the United States as a major world power, the continued growth and development of the federal government, efforts to improve the status of minorities and women, growth of the economy, and the changing pattern of American life. Students will purchase their textbooks for this course. Additional readings beyond the textbook will be required. A detailed syllabus of course requirements will be made available by the instructor.
GRADE LEVEL: 12
CREDIT: 1 (RR) / 3 SH (BH)
COURSE NUMBER: DHi 252
PREREQUISITE: Successful reading score on the COMPASS test.

ENGLISH

ENGLISH CLASSES - four years of credit, with a minimum of 8 semesters, are required for graduation

BASIC ENGLISH CLASSES-The aim of the Basic English Curriculum is to refine and improve the skills of students who struggle academically in writing and reading comprehension. We will move at a pace that is conductive to the learning for students while getting progressively more challenging. These courses are designed to help students achieve an academic understanding of literature and writing in a regular education setting.

BASIC ENGLISH I

This course is designed for students to work rigorously with functional grammar, the elements of story, and the writing process. There will be two short novels, the epic poem *The Odyssey* and the play *Romeo and Juliet*. Students will also research a career and present it in class. There is also an independent book project due each semester.

GRADE LEVEL: 9
CREDIT: 1
COURSE NUMBER: 030908
PREREQUISITE: Recommendation of a team including, but not limited to, the regular English teacher, Basic English teacher, and Counselor.

ENGLISH I

This course is a comprehensive study of a variety of literature, writing styles, and practical grammar. It includes the study of fictional short stories, drama, poetry, novels, and essays. Throughout this course, students will be required to do extensive writing, including the completion of a writing portfolio and a career research paper.

GRADE LEVEL: 9
CREDIT: 1
COURSE NUMBER: 030108
PREREQUISITE: None

BASIC ENGLISH II

This course focuses heavily on literature most being contemporary. We will be reading six novels (two humanities-based), preparing for ACT/WorkKeys, studying the art of poetry, working with more complex grammar structures and completing a Career Research Power Point Project. There is also an independent book project due each semester. This is a very writing intensive course with a number of short essays, long papers and many short write-ups expected.

GRADE LEVEL: 10
CREDIT: 1
COURSE NUMBER: 030918
PREREQUISITE: Recommendation of a team including, but not limited to, the regular English teacher, Basic English teacher, and Counselor.

ENGLISH II

The material studied includes grammar, literature, dictionary, library skills, and speech. At the end of each semester, a semester exam will be given.

GRADE LEVEL: 10
CREDIT: 1
COURSE NUMBER: 030118
PREREQUISITE: Passing grades in English I

ADVANCED ENGLISH II (Weighted)

This course combines the study of grammar, composition, literature and speech. It is designed for the student with advanced ability in English skills.

GRADE LEVEL: 10
CREDIT: 1
COURSE NUMBER: 030119
PREREQUISITE: Written permission of English I instructor and Guidance Counselor and “B” average in English I

BASIC ENGLISH III

This course focuses heavily on American Literature, preparing for ACT/WorkKeys and completing a Career Research Paper. Job shadowing will be offered to those who meet class criteria to participate. There is also an independent book project due each semester. This is a very writing intensive course with a number of short essays, long papers and many short write-ups expected.

GRADE LEVEL: 11
CREDIT: 1
COURSE NUMBER: 030928
PREREQUISITE: Recommendation of a team including, but not limited to, the regular English teacher, Basic English teacher, and Counselor.

ENGLISH III

A year course of study of American Literature, composition, vocabulary and speech. Attention is also given to workplace skills through team activities and job shadowing.

GRADE LEVEL: 11
CREDIT: 1
COURSE NUMBER: 030208
PREREQUISITE: Passing grades in any level of English II

ADVANCED ENGLISH III (Weighted)

This year-long college preparatory class is open to juniors who have a grade-level proficiency reading level and who have either passed Advanced English II with a C- average or higher OR who have written permission from the English Department and guidance counselor. This course focuses on American literature from the colonial to modern era and demands a large amount of work to be done outside the classroom. The students will complete an intensive research project and compile a portfolio of writing. Literary analysis techniques and expository composition are emphasized. A C- average must be maintained at each semester grading period in order to remain in the course.

GRADE LEVEL: 11
CREDIT: 1
COURSE NUMBER: 030209
PREREQUISITE: Advanced English II (C- average minimum) or written permission from English department and guidance counselor

BASIC ENGLISH IV

This course takes a more critical approach to life beyond the classroom. There is a drama unit focusing on two plays, a Shakespeare unit, Women in Literature focusing on the beginning of the movement in 1900's to literature of today, Non-Western literature focusing on writers from different parts of the world, and a Multicultural Unit focusing on the impact of culture, tolerance and propaganda. Persuasive research paper, job applications, mock interview and resume writing is included. There is also an independent book project due each semester. This is a very writing intensive course with a number of short essays, long papers and many short write-ups expected.

GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 030938
PREREQUISITE: Recommendation of a team including, but not limited to, the regular English teacher, Basic English teacher, and Counselor.

ENGLISH IV (Applied Communication)

This is a year-long course emphasizing coherence of written expression and the importance of reading skills. The first semester focuses on British Literature to give students the background and terms they will need to succeed in college. In the second semester, students will participate in various writing and speaking activities to prepare them for their lives after high school and an emphasis is placed on the practical use of communication/teamwork skills for career preparation. Students complete a portfolio of writing samples, including narrative, expository, and argumentative, and resume writing.

GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 030218
PREREQUISITE: Passing grades in any level of English III

ADVANCED ENGLISH IV (Weighted)

This year-long college preparatory class is open to seniors who have a grade-level proficiency reading level and who have either passed Advanced English III with a C- average or higher OR who have written permission from the English department and guidance counselor. This course focuses on British and world literature, beginning with Anglo-Saxon England and ending with modern literature, and demands a large amount of work to be done outside the classroom. Students will develop a portfolio of advanced-level writing with an emphasis on expository composition, and a major research project is required that will incorporate extensive research techniques and multiple genres of writing. A C- average must be maintained at each semester grading period in order to remain in the course

GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 030219
PREREQUISITE: Advanced English III (C- average minimum) or written permission from English department and guidance counselor

PUBLIC SPEAKING

This is a basic course which includes the study of the physical process of speech, the elements of good speaking, the job interview, and the five basic types of speeches. Emphasis will be placed upon preparation for speeches and actual speaking assignments.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 030467
PREREQUISITE: None

JOURNALISM

This is an advanced media course designed for students interested in different forms of media composition. A major responsibility of the course is the student newspaper, **THE ROCKETEER**. No English requirement will be fulfilled with the course. Students wishing to enroll must fill out an application form. Second year is advanced journalism.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 030788 (first year)
030789 (second year) (**Advanced Journalism - Weighted**)
PREREQUISITE: Written permission of Rocketeer Advisor

YEARBOOK WORKSHOP

The course is for the members of the Yearbook Staff. Yearbook journalism will be taught for the purpose of preparing the yearbook. No English requirement will be fulfilled with the course. Students wishing to enroll must fill out an application form. Second year is advanced yearbook.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 030678 (first year)
030679 (second year) (**Advanced Yearbook Workshop - Weighted**)
PREREQUISITE: Written permission of Yearbook Advisor.

FOREIGN LANGUAGE

SPANISH I

Study of the fundamentals of Spanish including listening, oral, reading and writing skills. A basic vocabulary in the language is developed. Reading and listening comprehension skills are also emphasized.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 054408
PREREQUISITE: None

SPANISH II

A continuation of first year skills with greater emphasis placed on reading and oral fluency. Vocabulary is more widely developed.

GRADE LEVEL: 10-11-12
CREDIT: 1
COURSE NUMBER: 054418
PREREQUISITE: A grade of C or better in Spanish I. (Exceptions may be made with written permission of the Instructor.)

SPANISH III (Weighted)

The class continues building upon skills from previous years of Spanish. Spanish is spoken extensively in class with much more complex structures, and there is a strong emphasis on reading. Students will be required to do significant independent reading throughout the year. The overall goal of the class is communicative fluency.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 054458
PREREQUISITE: A grade of C or better in Spanish II. (Exceptions may be made with written permission of the Instructor.)

SPANISH IV (Weighted)

The class continues building upon skills from previous years of Spanish. Spanish is spoken extensively in class with much more complex structures, and there is a strong emphasis on reading. Students will be required to do significant independent reading throughout the year. The overall goal of the class is communicative fluency.
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GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 054478
PREREQUISITE: A grade of C or better in Spanish III. (Exceptions may be made with written permission of the Instructor.)

GERMAN I

Study of the fundamentals of German with emphasis on oral, written, and speaking skills. Class notes, dialogues, tapes, and vocabulary building are stressed. Some elements of German culture are also covered.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 054609
PREREQUISITE: “C” average or better in English or high school English department approval.

GERMAN II (Weighted)

A continuation of first year skill building with more advanced sentence construction and reading skills. While oral skills are to be developed, a stronger concentration on the written language is stressed.

GRADE LEVEL: 10-11-12
CREDIT: 1
COURSE NUMBER: 054218
PREREQUISITE: German I

FRENCH I

French I is a study of basic French communication which develops proficiencies in speaking, listening, reading, and writing. Topics of French culture are introduced to show the differences and similarities of our culture with those of French speaking countries. This course focuses on developing accurate communication skills in meaningful contexts, with an introduction to grammar and vocabulary.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 054508
PREREQUISITE: A grade of C or better in current English class. (Exceptions may be made with written permission of the instructor.)

FRENCH II

French II is a continuation of first year skills with more advanced communication objectives. Students will increase their abilities to use more complex language functions, will increase vocabulary, and will increase their comfort level using different verb tenses. Students will learn of the thirty most populated French-speaking countries of the world.

GRADE LEVEL: 10-11-12
CREDIT: 1
COURSE NUMBER: 054428
PREREQUISITE: A grade of C or better in French I. (Exceptions may be made with written permission of the instructor.)

FRENCH III (Weighted)

French III builds upon language skills developed in French II. Emphasis will be on reading, vocabulary, reading genuine French literature, grammar, and oral skills. Students will read at least one novel in French during the year (The Little Prince). Topics of French culture will include some French history and learning the major monuments In Paris.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 054528
PREREQUISITE: A grade of C or better in French II. (Exceptions may be made with written permission of the instructor.)

FRENCH IV (Weighted)

French IV is a continuation of French III. Additional emphasis is placed on reading and writing skills, an extension of grammar, and further work toward oral and reading fluency. Students in this class will read at least two French novels, and can expect a minimum 95% of the class time to be conducted In French. Students will do weekly current event reports on news from French newspapers, and will continue to learn about French history.

GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 054548
PREREQUISITE: A grade of C or better in French III. (Exceptions may be made with written permission of the instructor.)

HEALTH/DRIVER EDUCATION/PHYSICAL EDUCATION

HEALTH, DRIVER EDUCATION, PHYSICAL EDUCATION - Four years of physical education are required for graduation. Freshmen must enroll in health and sophomores must enroll in driver's education. Freshmen that are enrolled in health are not required to take physical education that semester.

BASIC HEALTH

This course is designed for students (mainly special education students) to learn the basic concepts of health at a slower pace. Emphasis is placed on the Health aspects of sex education, AIDS education, drug education and personal health.

GRADE LEVEL: 9 (required)
CREDIT: 1/2
COURSE NUMBER: 098016
PREREQUISITE: None

HEALTH

This freshmen level course deals with a comprehensive health education curriculum and consists of planned learning experiences which will help students achieve desirable attitudes and practices related to critical health issues. Some of these are: emotional health and a positive self image; appreciation, respect for, and care of the human body and its vital organs; physical fitness; health issues of alcohol, tobacco and drug use and abuse; effects of exercise on the body systems and on general well being; nutrition and weight control; sexual relationships, the scientific, social and economical aspects of community and ecological health; communicable and degenerative diseases including sexually transmitted diseases; choosing professional medical and health services; and choices of health careers.

GRADE LEVEL: 9-10 (required)
CREDIT: 1/2
COURSE NUMBER: 098017
PREREQUISITE: None

DRIVER EDUCATION

A study of the information necessary to develop youthful traffic citizens who will be safe, competent and responsible drivers, cyclists, passengers and pedestrians. The laboratory phase will attempt to provide educational experiences which will give pupils the knowledge, skills, and most importantly, the attitudes necessary for safe and efficient motor vehicle operation.

GRADE LEVEL: Second semester 9th and First semester 10th (required)
CREDIT: 1/2
COURSE NUMBER: 098916 Summer 2011)
098917 (First Semester)
098918 (Second Semester)
PREREQUISITE: Students must be age 15. The State of Illinois requirements dictate that students must receive passing grades in at least 8 academic courses during the previous 2 semesters to be eligible to take driver's education.

PHYSICAL EDUCATION

This course is designed for students to be taught the various components of Physical Education. Students will acquire knowledge and enhance skills in personal fitness, sports/games, and recreational activities. This includes but not limited to: cardiovascular training, weight lifting, physical fitness testing, traditional indoor/outdoor sports, and net sports.

GRADE LEVEL: 9-10-11-12 (required)
CREDIT: 1/2 credit per semester
COURSE NUMBER:
PREREQUISITE: None

INDUSTRIAL ARTS

COMMUNICATION TECHNOLOGY

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.

GRADE LEVEL: 9-10
CREDIT: 1/2
COURSE NUMBER: 077608
PREREQUISITE: None

PRODUCTION TECHNOLOGY AND ENERGY

The first nine weeks will focus on different forms of energy such as solar, wind, geothermal, electricity and fossil fuels. We will also look at ways to conserve energy and our natural resources. The second nine weeks will focus on production, 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 procedures, corporate structure, management, research and development, production planning, mass production, marketing and servicing.

GRADE LEVEL: 9-10
CREDIT: 1/2
COURSE NUMBER: 077609
PREREQUISITE: Communication Technology

WOODWORKING PRODUCTION IA

This is a beginning course in basic hand and machine woodworking. This course covers basic hand tools and operations necessary in the carpentry trades, basic machine operations, furniture construction methods and finishing methods. Each student will make a project. Emphasis is placed on safe operation of woodworking equipment. Cabinet furniture is used as a media for training.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 077615
PREREQUISITE: Production Technology & Communication Technology

WOODWORKING PRODUCTION IB

This is a woodworking production course in which students refine their skills through projects and group work. A student may increase his knowledge of machine operations, furniture construction methods and application of finish by spraying. Special attention will be given to those machine operations necessary in the carpentry trades. Particular emphasis is placed on safe operation of woodworking equipment. Group work includes the construction of cabinet furniture or other kinds of mass-produced wooden products as a media for training.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 077616
PREREQUISITE: Woodworking Production IA

WOODWORKING PRODUCTION IIA

This is a course designed to allow students to further develop their skills in furniture and cabinet construction. This course will allow students to further explore the cabinet Industry as a possible career. Students will select and construct cabinet grade projects. Special emphasis is placed on advanced wood joinery techniques. Students will Increase their skills In advanced machine setup as well as construction of jigs and fixtures.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 077620
PREREQUISITE: C or better in Woodworking Production IA & IB

WOODWORKING PRODUCTION IIB

This course is a continuation of the first semester.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 077621
PREREQUISITE: Woodworking Production IIA

MECHANICAL DRAFTING

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

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 077506
PREREQUISITE: Recommended but not required
Production Technology & Communication Technology

ARCHITECTURAL DRAFTING

This course offers the student with some prior drafting experience the chance to further 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. Computer-aides drafting (CAD) is utilized when appropriate.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 077518
PREREQUISITE: Mechanical Drafting

INDEPENDENT DRAFTING SPECIALIZATION IA

This program offers individualized training to any student who feels a need to pursue a specialized interest in any particular phase of drafting. This course work would be on a contractual basis and the student would meet during the regular classes without being required to meet most of the comprehensive objectives of the established drafting program. Specialized instruction might be in interior design presentations, blueprint reading, model building, CAD technical art, rendering, airbrush, drafting fundamentals, civil drafting, or any related architectural or mechanical area.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 077519
PREREQUISITE: Architectural Drafting (Consent of the counselor, parents and instructor is required.)

INDEPENDENT DRAFTING SPECIALIZATION IB

This course is a continuation of Independent Drafting Specialization IA.

GRADE LEVEL: 11-12
CREDIT: 1/2
COURSE NUMBER: 077520
PREREQUISITE: Independent Drafting Specialization IA

MATHEMATICS

MATHEMATICS CLASSES - Three years of credit in mathematics are required for graduation, including Algebra I & Geometry. Students planning to attend college should take a minimum of three years of math. However, some colleges and certain fields of study require more than three years of high school math. Students should check with their guidance counselor and math teachers.

APPLIED ALGEBRA I

This course is designed to benefit the student who needs extended time learning the fundamentals of Algebra I. Topics include integers and real numbers, variables, polynomials, linear equations, and graphing.

GRADE LEVEL: 9-10
CREDIT: 1
COURSE NUMBER: 081308
PREREQUISITE: Recommendation of 8th grade math teacher and approval of course instructor or department chairperson.

ALGEBRA I

A study of the real number system, to develop a logical thought process. Students work with the four basic operations in the real number system to solve equations and inequalities in one and two variables. Students shall interpret English sentences to mathematical sentences and then use math principles to solve those problems. Students learn to perform the four basic operations on polynomials and then reverse the procedures to factor polynomials.

GRADE LEVEL: 9-10
CREDIT: 1
COURSE NUMBER: 081328
PREREQUISITE: Demonstrated ability to work with real numbers (especially negatives and fractions)

APPLIED GEOMETRY

This course will examine the basic concepts of Geometry as they apply to the real world. Topics of study include angles, triangles, quadrilaterals, polygons, area, surface area, and volume.

GRADE LEVEL: 10-11-12
CREDIT: 1
COURSE NUMBER: 081128
PREREQUISITE: Recommendation of Applied Algebra I or Algebra I teacher and approval of course instructor or. department chairperson

GEOMETRY

Geometry offers students the opportunity to measure, reason, and apply geometrical ideas. Among the topics investigated are: triangles, polygons, circles, areas, volumes, parallelism and perpendicularity. Students will also explore geometric situations and communicate their reasoning using standard two-column proofs.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 081338
PREREQUISITE: Algebra I

APPLIED ALGEBRA II

This course is designed to benefit the student who needs extended time learning the fundamentals of Algebra II. Topics will include the fundamentals of many of the areas covered in a traditional Algebra II course. There will be an emphasis on test preparation in this course.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 081
PREREQUISITE: Recommendation of Applied Geometry or Geometry teacher and approval of course instructor or department chairperson.

ALGEBRA II AND TRIGONOMETRY

Algebra II and Trigonometry shall continue with the development of concepts introduced in Algebra I, with an equal distribution of theory and practice. Major areas to be developed are as follows: (1) study of the structure of the real and complex number systems. (2) development of the techniques of Algebra and Trigonometry. (3) the function concept and its importance to mathematics. (4) acquire familiarity with the application of algebraic and trigonometric principles. (5) the further development of the deductive reasoning process. (6) emphasizing the need and use of precise mathematical language.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 081448
PREREQUISITE: Geometry or geometry taken concurrently with written permission of the instructor.

PRE-CALCULUS (Weighted)

This course will supply the student with a cohesive background for the further study of Calculus. Fundamental algebraic, exponential, logarithmic, and trigonometric functions will be covered. The equations and graphs of lines and curves will also be emphasized.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 081778
PREREQUISITE: Algebra II and Trigonometry, or Algebra II and Trigonometry taken concurrently with written permission of the instructor.

CALCULUS (Weighted)

This course will give the student exposure to the principles and a development of confidence in the manipulative skills of calculus. The course will study both differential and integral calculus along with a study of analytic geometry and polar coordinates.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 081788
PREREQUISITE: Pre-calculus, or Pre-calculus taken concurrently with written permission of the instructor.

MUSIC

BAND

All students enrolled in Band are members of the Rockridge Marching Band, Concert Band, and Pep Band and rehearse/perform at designated times throughout the school year. Students enrolled in band are members of The Rockridge Marching Band in the fall and perform in various parades, games, and competitions. The Concert Band holds daily rehearsals and seasonal performances (winter and spring) along with the West Central Conference Band Festival and IHSA Organizational Contest. Pep Band offers students a chance to play music of the rock/pop idioms at home basketball games and special events in the area. The focus of the band program is to develop an understanding of music production, rhythmic patterns, ensemble goals, and individual practice technique as a musician.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 046708
PREREQUISITE: Instruction obtained from middle school or permission from Band Director

ADVANCED BAND (Weighted)

The program encompassing a marching band (football games and parades), a concert band (develops specific skills and appreciation of fine music and fine performance), and the stage band (using music selected from the best standard, pop, jazz, and rock idioms).

GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 046709
PREREQUISITE: Three years of high school band.

MIXED CHOIR

Concert choir is an auditioned choir for treble and bass voices. Students must show proficiency in vocal techniques and music reading. This is a performance organization. Students in this choir will perform at a Winter and Spring Concert, IHSA Organization contest, and IHSA Solo and Ensemble contest.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 046508
PREREQUISITE: Instructor's written recommendation based on previous performance in junior high chorus, or audition.

ADVANCED MIXED CHOIR (Weighted)

Advanced mixed choir is an auditioned choir for treble and bass voices. Students must show proficiency in vocal techniques and music reading. This is a performance organization. Students in this choir will perform at a Winter and Spring concert, IHSA Organizational contest, and IHSA Solo and Ensemble contest. Students will maintain a portfolio to be turned in at the end of each semester.

GRADE LEVEL: 12
CREDIT: 1
COURSE NUMBER: 046509
PREREQUISITE: Three years of high school choir classes.

TREBLE CHOIR

Open to treble voices grades 9-12. This choir is not auditioned. Treble Choir is a performance organization. Students in this group will perform at a Winter and Spring concert, IHSA Organization contest and IHSA Solo and Ensemble contest.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 046608
PREREQUISITE: None

PIANO AND GUITAR SKILLS (Offered Both Semester)

Students will learn basic piano and guitar techniques. In addition, the students will learn music reading through piano and guitar instruction. Keyboards will be provided, but the students must have their own acoustic guitar. This course can only be taken one time.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 046408
PREREQUISITE: Instructor's written recommendation based on previous performance in junior high chorus, or audition.

SCIENCE

SCIENCE CLASSES - Two years of credit in science are required for graduation. Some colleges and certain fields of study require more than two years of high school science. Student should check with their guidance counselor and science teachers.

INTRO TO LIFE SCIENCE (Intro to Biology)

An introductory level course concentrating on the principles of cells, genetics, evolution, ecology and the interaction they have with the environment.

GRADE LEVEL: 9-10
CREDIT: 1
COURSE NUMBER: 102108
PREREQUISITE: None

BIOLOGY

This course is designed for the average and above average student. This is a laboratory science course covering biological principles, ecology, cell biology, genetics, and evolution.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 102228
PREREQUISITE: None

PHYSICAL/EARTH SCIENCE

This is an introductory level course concentrating on the theories of natural and physical laws. Fundamental physics and chemistry topics will be explored. This course will also explore the Earth's processes (Meteorology, Geology, Astronomy) as they affect our daily lives

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 102248
PREREQUISITE: None

CHEMISTRY

A course designed to involve both classroom and laboratory learning experiences. In this course, students will become acquainted with basic chemical concepts including measurements, matter and energy, atoms, chemical formulas and chemical compounds, nomenclature, chemical equations, stoichiometry, gasses, acids and bases, chemical equilibrium, and oxidation/reduction.

GRADE LEVEL: 10-11-12
CREDIT: 1
COURSE NUMBER: 102538
PREREQUISITE: Algebra I and Biology with C average or better.
Algebra I with B average or better for sophomores.

ADVANCED CHEMISTRY (Weighted)

A college preparatory course involving lecture and laboratory learning experiences. In this course students will become acquainted with chemical concepts such as: thermochemistry, chemical bonding, chemical kinetics, chemical equilibrium, and electrochemistry.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 102568
PREREQUISITE: C or better in Chemistry I or instructor discretion

PHYSICS (Weighted)

This is an advanced college preparatory course designed for students who have a strong background in math. This course involves lectures, math-oriented problems, projects and experiments. Students will become acquainted with aspects of physics such as, Newtonian Mechanics, thermodynamics, sound waves, and the nature of light.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 102768
PREREQUISITE: C or better in Chemistry I; Algebra II and Trigonometry

ADVANCED BOTANY (Weighted)

This is a semester laboratory science course emphasizing cellular plant structure and function along with the identification of local flora.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 102268
PREREQUISITE: C or better in Biology

ADVANCED ZOOLOGY (Weighted)

This is a semester laboratory science course covering the progressive study of Invertebrates.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 102238
PREREQUISITE: C or better in Biology

ENVIRONMENTAL SCIENCE

This is a laboratory semester course focused on the study of the biotic world, the abiotic world, and their interactive relationships within the biosphere.

GRADE LEVEL: 10-11-12
CREDIT: 1/2
COURSE NUMBER: 102258
PREREQUISITE: One year of science.

SOCIAL STUDIES

SOCIAL STUDIES CLASSES - Requirements for graduation in the social science area are one year of credit in U. S. History, one semester of credit in American Government, and one semester of credit in an elective social science course. Some colleges require three years of high school Social Sciences. Students should check with their guidance counselor and/or college of choice. Sociology and World History classes are recommended for students planning for college. World Culture classes are recommended for non-college bound students and are not recognized by many colleges as fulfillment for a social studies credit when entering college.

WORLD HISTORY COURSE OFFERINGS-The history of the world is extensive and requires a division of the entire span of history into six different courses. There are six World History courses. They are semester long courses and offered on a rotational schedule.

ANCIENT HISTORY (course offered 2014-15 & 2017-18)

Ancient History is a semester course, open to all students, fulfilling the Social Science elective requirement. This is a survey of the beginning of recorded history across the globe. Emphasis for the course will be the study of prehistory, the rise and development of ancient civilizations including the Fertile Crescent, Ancient Egypt, Greece, Rome, China, India, Japan, and the Americas.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113538
PREREQUISITE: None

MIDDLE AGE HISTORY (course offered 2012-13 & 2015-16)

Middle Age History is a semester course, open to all students, fulfilling the Social Science elective requirement. This is a survey of the growth of Western Civilization in Europe from the remnants of the Roman Empire. The course also examines the rise of Islam and its spread, emerging African culture and the spread of civilization in East Asia.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113539
PREREQUISITE: None

RENAISSANCE, ENLIGHTENMENT AND REVOLUTION (course offered 2013-14 & 2016-17)

This is a semester course, open to all students, fulfilling the Social Science elective requirement. This survey concentrates on the growth of Western civilization during the period of 1300-1815 A.D. The course examines the Renaissance, global exploration and the early spread of Christianity beyond Europe, the Age of Reason, and the rise and fall of Napoleon.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113540
PREREQUISITE: None

INDUSTRIAL REVOLUTION TO IMPERIALISM (course offered 2014-15 & 2017-18)

A semester course, open to all students, fulfilling the Social Science elective requirement. A survey that begins with the dawning of the modern industrial development of Western civilization and looks at the problems that resulted with this development including the growth of cities and the rise of labor unions and unrest. The course will examine the birth of Communism, Nationalism, and the spread of Imperialism.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113639
PREREQUISITE: None

WORLD WARS AND REVOLUTIONS (course offered 2012-13 & 2015-16)

A semester course, open to all students, fulfilling the Social Science elective requirement. This course is a survey of world history from 1910-1955. This is an intensive look at the causes and results of the Great War, the interwar period, including the Russian Revolution, and the culmination of hostilities in the Second World War. Many detailed topics will be examined including the rise of Fascism, the Holocaust and the formation of alliances at the beginning of the Cold War.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113739
PREREQUISITE: None

COLD WAR INTO THE 21ST CENTURY (course offered 2013-14 & 2016-17)

This is a semester course, open to all students, fulfilling the Social Science elective requirement. The course will explore the Cold War and arms race (conventional and nuclear) between Western and Eastern bloc nations. It will also examine the collapse of the Soviet Union, the rise of religious fundamentalism, and use of terrorism by nations, groups, and organizations to achieve political objectives.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113740
PREREQUISITE: None

WORLD CULTURES COURSE OFFERINGS-Geography and the culture of the people who live in foreign countries are a basic study among the social sciences. These courses are **NOT** recognized by many colleges as meeting the social studies requirement for entry into college. These courses are entry level social studies and intended for students who are not on a college bound track. The two courses are offered on a rotational schedule.

WORLD CULTURES I (Europe and the Western Hemisphere) (course offered 2012-13 & 2014-15)

This is a semester course, open to all students, fulfilling the Social Studies elective requirement. This basic course includes map skills and an in depth multicultural study of Western cultural regions of Europe, including the former Soviet Union, and the Western Hemisphere.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113598
PREREQUISITE: None

WORLD CULTURES II (Asia, Africa, Australia and the Pacific) (course offered 2013-14 & 2015-16)

This is a semester course open to all students, fulfilling the Social Science elective requirement. The course includes a review of map skills and an in depth multicultural study of the regions of Africa, the Middle East, South Asia, Southeast Asia, East Asia, Australia, and the Pacific Island nations.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 113698
PREREQUISITE: None

UNITED STATES HISTORY-United States History is a required course to be successfully completed by all students for graduation. The year long survey fulfills the mandatory requirement. An elective semester long course is available for students who wish to examine the most recent history of the nation since the Vietnam War.

U.S. HISTORY

This is a required course for juniors, and successful completion of the course is required for graduation. The course is a survey of United States History with emphasis on the principle events leading to the emergence of the nation as a world power. Current issues are discussed as they develop.

GRADE LEVEL: 11 (required)
CREDIT: 1
COURSE NUMBER: 113258
PREREQUISITE: None

BASIC U.S. HISTORY

This course is identical in many respects to U.S. History, but uses a textbook that is at an easier reading level. Successful completion of the course fulfills the requirement for graduation. Additional assignments are included in this course due to the nature and methods used to teach the material contained in the course. The course is open only to junior and senior students who are recommended by the administration, counselor, and the social studies department head.

GRADE LEVEL: 11 (required)
CREDIT: 1
COURSE NUMBER: 113257
PREREQUISITE: Approval **required** from the administration, counselor or social studies department head.

U.S. HISTORY ELECTIVE (From Vietnam into the 21st Century) (Weighted)
This is a semester course, open only to seniors who have completed U.S. History and who have a grade-level proficiency reading level, fulfilling the Social Studies requirement. The complete history of the United States is difficult to teach in a meaningful manner in only one year long survey course. This course will focus on U.S. History since the Vietnam War, and will explore events that are in the recent memories of the students' relatives as well as current events. The course is taught as a college preparatory class requiring reading and research beyond the textbook.
GRADE LEVEL: 12
CREDIT: 1/2
COURSE NUMBER: 113259
PREREQUISITE: U.S. History

AMERICAN GOVERNMENT-American Government is a required course to be successfully completed by all students for graduation. Students are also required to pass the United States and Illinois Constitution tests administered during the course in order to fulfill the requirements for graduation.

AMERICAN GOVERNMENT
American Government is a required course for seniors and successful completion of the course is required for graduation. This semester long course includes an extensive study of the United States Constitution and the Illinois Constitution. Basic legal procedures are studied as well as problems facing Americans today. Current issues are discussed as they develop. Students **MUST** pass the U. S. and Illinois Constitution test to graduate.
GRADE LEVEL: 12 (required)
CREDIT: 1/2
COURSE NUMBER: 113388
PREREQUISITE: None

BASIC AMERICAN GOVERNMENT (course offered only first semester)
This course is identical in many respects to American Government, but uses a textbook that is at an easier reading level. Successful completion of the course fulfills the requirement for graduation. Additional assignments are included in this course due to the nature and methods used to teach the material contained in the course. Current issues are discussed as they develop. Students **MUST** pass the U.S. and Illinois Constitution tests to graduate. The course is open only to senior students who are recommended by the administration, counselor, or the social studies department head.
GRADE LEVEL: 12 (required)
CREDIT: 1/2
COURSE NUMBER: 113389
PREREGUISITE: Approval required from the administration, counselor or social studies department head.

SOCIOLOGY (Weighted)
This is a semester long course, open only to seniors, who have a grade-level proficiency reading level, fulfilling the Social Studies elective requirement. The course studies various aspects of group behavior and the consequences of American cultural life styles. This is a college preparatory course and is recommended for seniors who are considering going on to college. The course is only offered during the second semester of the school year.
GRADE LEVEL: 12
CREDIT: 1/2
COURSE NUMBER: 113688
PREREQUISITE: Approval **required** from the administration, counselor or social studies department head.

PSYCHOLOGY (Weighted)
This is a semester long course, open only to seniors, who have a grade-level proficiency reading level, fulfilling the Social Studies elective requirement. The course studies various aspects of human behavior and its impact on mental function and health. This is a college preparatory course and is recommended for seniors who are considering going on to college. The course is only offered during the first semester of the school year.
GRADE LEVEL: 12
CREDIT: 1/2
COURSE NUMBER: 113689
PREREQUISITE: Approval **required** from the administration, counselor or social studies department head.

SPECIAL SERVICES

ORIENTATION TO VOCATIONAL EDUCATION I

This course is an overview through career exploration of vocational classes and occupations available to special needs students. Students receive counseling on individual career planning, and on their four year plan. Students' interests and abilities will be considered and explored in the development of their career plan. Community agencies, groups, and resources are explored. Course content will include job specific skills as related to vocational courses.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129312
PREREQUISITE: Permission of instructor with administrative staffing

ORIENTATION TO VOCATIONAL EDUCATION II

This course teaches pre-vocational skills necessary to enter the world of work. Emphasis is on the exploration of career opportunities, work preparation options and appropriate work habits, behaviors, and social skills needed in the work environment. Students will be introduced to basis job seeking skills and improving basic academic skills necessary for getting and holding a job. Development of social skills, money management skills and acceptable attitudes for work will be included.
In addition, students develop individual responsibilities as a consumer, family member and citizen.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129313
PREREQUISITE: Permission of instructor with administrative staffing

CAREERS I

This course is designed to assist students in choosing a career, planning to achieve their career goals, and develop understanding of current career trends. Students will assess their own strengths, abilities, interests, values, life style choices, and compare those to various career choices and jobs of personal interest. A variety of appropriate careers will be explored in further depth, as well as training on "how to" explore careers.

GRADE LEVEL: 9-10
CREDIT: 1/2
COURSE NUMBER: 129315
PREREQUISITE: Permission of instructor with administrative staffing

CAREERS II

This course will include extensive career exploration, as well as training in desirable job seeking and job keeping behaviors/skills designed to increase competence when beginning a new job in today's workplace. Students will make an individualized career plan, including short and long term goals, create a resume, search for jobs, apply of jobs, and participate in mock interview and real interviews whenever possible.

GRADE LEVEL: 9-10
CREDIT: 1/2
COURSE NUMBER: 129316
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL KEYBOARDING

Exceptional Keyboarding is a course designed to sequentially develop basic skills in keyboarding technique and basic word processing skills. In addition, students will learn basic methods of Internet research.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 025947 (IA), 025948 (IB)
PREREQUISITE: NONE

DAILY LIVING I, II, II, & IV
There are no class prerequisites and they do not have to be taken in chronological order.

DAILY LIVING SKILLS I:
This course is designed to provide the special education student with independent living skills necessary for daily success in the community. These skills include and are not limited to: Healthy living, proper nutrition and food preparation, laundry skills, home care and safety, safety in the community, and fitness.
GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129308
PREREQUISITE: Permission of instructor with administrative staffing

DAILY LIVING SKILLS II:
This course is designed to provide the special education student with independent living skills necessary for daily success in the community. These skills include and are not limited to: Emotional health and self advocacy, financial responsibilities, accessing computer technology, social awareness, social skills instruction and role play.
GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129309
PREREQUISITE: Permission of instructor with administrative staffing

DAILY LIVING SKILLS III:
This course is designed to provide the special education student with independent living skills necessary for daily success in the community. These skills include and are not limited to: expressing yourself, career exploration, career planning; searching for, obtaining, & keeping a job. Student will fill out applications, create a resume, and participate in mock interviews.
GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129408
PREREQUISITE: Permission of instructor with administrative staffing

DAILY LIVING SKILLS IV:
This course is designed to provide the special education student with independent living skills necessary for daily success in the community. These skills include and are not limited to: Preparing for employment, post secondary education or on the job training, finding a place to live, marriage, parenting and technology.
GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129409
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL STUDY SKILLS I & II
Exceptional Study Skills I-II are courses for special education students enrolled in two or more regular education classes. The classes are designed as an independent learning environment used in connection with teacher contact per IEP. The classes will be used to help students acquire study skills while completing daily assignments, projects, reports, and tests for standard classes. Study Skills I-II will emphasize listening skills, note taking, outlining, test taking, report writing and appropriate classroom behavior. Grades are based on effective use of class time and accomplishment of tasks given.
GRADE LEVEL: 9-10
CREDIT: 1/2
COURSE NUMBER: 129310 (I), 129311 (II)
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL TEST PREPARATION

Exceptional Test Preparation will give students additional tools to assist them to be successful on tests in the regular education classroom as well as on standardized tests. Students will learn strategies to prepare themselves physically and mentally for tests, and strategies to use while taking tests. Students will also be given opportunities to reinforce learned strategies by taking practice essay and standardized tests. When students complete this class, they will be better prepared and more confident test takers. This is a one semester class to be taken only once either the Sophomore or Junior year. This course cannot be taken concurrently with Exceptional Study Skills.

GRADE LEVEL: 10-11
CREDIT: 1/2
COURSE NUMBER: 129307
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL WORLD CULTURES

The course includes map skills and an in-depth study of Western Cultural Regions of North and South America and Europe, including the former Soviet Union.

GRADE LEVEL: 9-10-11-12
CREDIT: 1/2
COURSE NUMBER: 129217
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL ENGLISH

This course is tailored for the student with reading, written expression, and vocabulary comprehension difficulties. Emphasis will be placed on the fundamentals of grammar as well as a modified rendition of the English I-IV curriculum.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 129218 (9), 129228 (10), 129238 (11), 129248 (12)
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL PRE-ALGEBRA

This course is tailored for the student who has difficulties with the basic concepts of arithmetic. Topics are presented so the students will have the opportunity to develop the necessary mathematical reasoning skills to carry over into the study of Algebra.

GRADE LEVEL: 9-10
CREDIT: 1
COURSE NUMBER: 129219
PREREQUISITE: Permission from instructor with administrative staffing

EXCEPTIONAL ALGEBRA I

This course is designed to work with the four basic operations in the real number system to solve equations and inequalities with one and two variables. Students will also apply these operations to polynomials. They will also solve problems involving real-life situations that require algebraic thinking and analysis.

GRADE LEVEL: 10-11
CREDIT: 1
COURSE NUMBER: 129213
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL GEOMETRY

This course will provide students with the skills needed to succeed by using real-world applications that link geometry to life. Topics of study will include angles, triangles, quadrilaterals, polygons, circles, area, surface area, and volume.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 129214
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL SCIENCE

This course is tailored for the student with reading and vocabulary comprehension difficulties. The student will develop an understanding of the environmental world around him via an easy to read text, laboratory activities, and classroom demonstrations.

GRADE LEVEL: 9-10-11-12
CREDIT: 1
COURSE NUMBER: 129220
PREREQUISITE: Permission from instructor with administrative staffing

EXCEPTIONAL U. S. HISTORY

This course is designed for the student who has difficulty in reading and vocabulary comprehension. Emphasis will be on U. S. History from 1776 to the present. Weekly current event news is discussed.

GRADE LEVEL: 11 (REQUIRED)
CREDIT: 1
COURSE NUMBER: 129215
PREREQUISITE: Permission of instructor with administrative staffing

EXCEPTIONAL AMERICAN GOVERNMENT

This course is for the student who has difficulty in reading and vocabulary comprehension. This semester course includes the study of the U. S. and Illinois Constitutions. Current event issues are discussed. Students **MUST** pass a U. S. and Illinois Constitution test.

GRADE LEVEL: 12 (REQUIRED)
CREDIT: 1/2
COURSE NUMBER: 129216
PREREQUISITE: Permission of instructor with administrative staffing

SECONDARY TRANSITIONAL EMPLOYMENT PROGRAM (STEP) I

Year one of the STEP program emphasized helping the student to explore a career and develop skills which are common to every job, such as being on time, following directions, getting to and from work, completing assigned work, accepting criticism, etc. It consists of instruction through a class that meets daily for one period (55 minutes) and a placement either on-campus or in the community for up to 15 hours of work each week. In addition to exploring an occupation and gaining work experience, all students receive a grade plus units of credit toward graduation for each semester in which they meet the expectations of their employer and school supervisor. Those students who qualify through DRS (Department of Rehabilitation Services) through BHASED (Black Hawk Area Education Agency) may receive a training subsidy of up to $4.00 a day during their placement.

GRADE LEVEL: 11-12
CREDIT: 1
COURSE NUMBER: 129318
PREREQUISITE: Permission of instructor with administrative staffing

SECONDARY TRANSITIONAL EMPLOYMENT PROGRAM (STEP) II (S241)

The focus of year two of the STEP program is on specific skilled training and preparation for nonsubsidized employment. Students will be placed with an employer for intensive training in an entry-level occupation. Students generally work 10-15 hours per week (which may be part of their school day). Upon successful completion of the course, students are given a credit for STEP class, and a credit for their work time when they meet the expectations of their employer and school supervisor.

GRADE LEVEL: 12
CREDIT: 2
COURSE NUMBER: 129319
PREREQUISITE: Permission of instructor with administrative staffing
STEP II can be taken by a senior who has not had Step I, with permission.