SALEM COMMUNITY
HIGH SCHOOL
EST. 1874

2026-2027 COURSE DESCRIPTION BOOK

SALEM COMMUNITY
HIGH SCHOOL
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COURSE DESCRIPTIONS FOR THE 2026-2027 SCHOOL YEAR

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THIS BOOKLET GIVES A BRIEF OUTLINE OF THE SUBJECT MATTER CONTENT OF THE COURSES TAUGHT AT SALEM COMMUNITY HIGH SCHOOL. THE DESCRIPTIONS ARE DESIGNED TO FAMILIARIZE STUDENTS AND PARENTS WITH SCHS'S CURRICULAR OFFERINGS.

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General Information

The curriculum of Salem Community High School offers a wide program of studies appropriate to the needs and abilities of young people. The elementary schools have recognized the unique nature of our district and have worked in harmony with the high school to develop the basic fundamental skills. The high school offers a balanced program of required and elective subjects designed to prepare students to satisfy their personal and social needs as well as to meet the economic, civic, and social demands of the complex world today.

Change is characteristic of our time. The school curriculum undergoes continuous study and evaluation so that the best known educational policies and practices may be observed.

Some subjects are required of all students in Salem Community High School. These are subjects that provide basic understanding, knowledge, skills, and attitudes that are the foundation of our social, civic, and economic life. These constitute the base of the broad educational program essential for all students.

The elective subjects provide opportunities for the exploration and development of new fields of interest and for further development of special interests and abilities already discovered in the elementary school. The elective program, like the required program, contributes to the general education of students, enriching the educational experience and strengthening self-confidence and poise through satisfying academic achievement.

Sound guidance in planning the individual program of studies is essential in both the grade school and high school. Student's must make wise choices among the electives subjects, selecting personal goals. The high school provides special sections of some classes for the purpose of adjusting the program to the abilities and interests of students.

Students are assigned to these classes on the basis of standardized and local tesing, previous records, and staff recommendations. Teachers and counselors are available to help students plan their programs. Parents are always welcome to visit the school and have input into their student's educational program.

In planning a program, it is important to consider both the selection of subjects to be taken and the student's out-of-school commitments. Sports, music lessons, club activities, part-time employment, and home responsibilities are all important factors to consider when planning the daily academic schedule. Ample time and favorable conditions for study should be recognized as essential to satisfactory school work.

Salem Community High School
Student Services

Introduction

The Administration, faculty, and student representatives of Salem Community High School wish to provide a clear set of procedures for a consistent and orderly school.

Answers to common questions can be found in the material which follows. If changes seem advisable, they will be made by the Administration and reported to the Board of Education. Appropriate action will be taken by the Administration for any situation or incident not specifically covered in this book.

Adopted by the Board of Education

The Course Description Booklet is not intended to create a contract with any student. The booklet is intended to generally guide students in the selection of courses at Salem Community High School.

Adopted by the Board of Education
December 15, 2025

Philosophy and Objectives

The Board of Education of Salem Community High School is responsible for providing the best education possible for all students in the district. It recognizes that the educational process must deal with the student's health, character, spiritual and moral values — a total personality development. It also recognizes that the school shares responsibility for the total development of the student with other institutions and the total community with its various organizations and environmental condition.

The Board of Education of this district believes that the most important task assigned to the school is that of maximum intellectual development of students, including the development of their ability to apply their intellect to the solution of the problems of citizenship in a democratic society.

Therefore, this district will concentrate its resources and develop an educational program to discharge this most important responsibility.

Specific Education Objectives for which the School Assumes Responsibility

1. To provide a college preparatory instructional program for students who plan to continue their formal education beyond high school.
2. To provide the opportunity for partial proficiency in vocational skills to enable students to pursue a vocation and to encourage vocational graduates to pursue additional training beyond high school.
3. To provide the opportunity for proficiency in the basic skills of reading, writing, mathematics, science, and social studies.
4. To understand our environment, our need for the conservation of natural resources.
5. To create an atmosphere for opportunity to develop socially as a participant in co-curricular and extra-curricular activities.
6. To develop an inquiring mind, with continuing drive for knowledge and maximum educational effort, including the development of effective study skills and work habits.
7. To provide programs that will enable student to become responsible as citizens in consumer management skills, accepting normal responsibilities to promote and protect basic democratic ideals of our society, and to be aware of the need for the general welfare and safety of our citizenry as a whole.
8. To create an appreciation for good health, physical and mental; wise use of leisure time; and understanding how to cope with harmful misuse of drugs and alcohol.
9. To develop an active interest in aesthetic experiences with the skills and attitudes necessary for developing self-expression in and for the creative arts.

It is understood by the school that many of the objectives are a shared responsibility of the school, home, and community as a whole. The school pledges full cooperation with all community organizations and the home in assuming this shared responsibility.

STATE OF ILLINOIS
BOARD OF HIGHER EDUCATION

PREPARING FOR COLLEGE

High school gives you a chance, perhaps for the first time in your life, to choose many of the subjects you study. Which subjects should you take? Answering this important question is hard, but the Illinois Board of Higher Education would like to help you by offering the following advice.

The subjects you take in high school either will increase your chances for education and jobs after high school — or they will reduce those chances. That is why your choices now are very important.

At this time in your life, you can not be sure what your future career will be. The American economy is changing. New kinds of jobs are created every day. Some jobs are disappearing. Some jobs will require more and more education.

What is the best way to prepare for this changing future? Take subjects which will give you as many future choices as possible. Do not cut yourself short. Take subjects which will keep increasing your communication and computation skills. Take subjects which will broaden your technical skills.

Do you think you might like to go to college? Here's more advice — especially if you think you'd like to get a bachelor's degree.

The Board of Higher Education hereby announces that it has established statewide minimum admissions standards for public colleges and universities in Illinois. The following high school subjects will be required of freshmen entering community college transfer programs and public universities.

MINIMUM REQUIREMENTS FOR CORE COURSES

Units of Credit	Subjects
4	English
3	Social Studies
3	Mathematics
3	Science (lab sciences)
3	Foreign Language, Fine Arts, or vocational

Complete ACT Junior Year

Academic Information

Graduation Requirements for Salem Community High School

The Required Core Courses Are As Follows:

English I,II,III,IV	4 credits
Mathematics	3 credits
U.S. History	1 credit
Social Studies	1 credit
Civics	1/2 credit
Science	2 credits
Health	1/2 credit
Physical Ed.	3 1/2 credits
Vocational, Art, Music, Drama, or Foreign Language	1 credit
U.S. & IL Constitution Tests	Pass
Consumer Education	1/2 credit
Core Credits	17 credits
Electives	6 credits
Total Credits	**23 credits**

Additional Requirements

Complete the American College Testing exam (ACT) Junior Year
Complete the Free Application for Federal Student Aid (FAFSA)

WEIGHTED GRADES

During the 2026-2027 academic year, Salem Community High School will continue with the weighted grade reporting for honor classes. Students of all four grade levels will be eligible to select courses which will receive grade weighing.

The course content of honor courses will be broader in scope, greater in depth, and more intellectually rigorous than that typically found in other classes. The honor classes will stress analytical skills and higher order thinking in addition to the mastery of basic skills.

The following courses will receive additional grade weighing for the 2026-2027 school year.

Algebra 1 Honors
Honors Geometry
Algebra 2 Honors
Honors Trigonometry
AP Calculus
Statistics

Biology 1 Honors
Honors Chemistry
English I Honors
English II Honors
English III Honors
Senior Honors ENGL 101
Senior Honors ENGL 102

The method of weighing to be used in honor courses will be to increase grade point averages as follows:

Comparison Table		
4.0 Scale		
Grade	**Weighted**	**Non-Weighted**
A+	**5.330**	**4.330**
A	**5.000**	**4.000**
A-	**4.670**	**3.670**
B+	**4.330**	**3.330**
B	**4.000**	**3.000**
B-	**3.670**	**2.670**
C+	**3.330**	**2.330**
C	**3.000**	**2.000**
C-	**2.670**	**1.670**
D+	**2.330**	**1.330**
D	**2.000**	**1.000**
D-	**1.670**	**0.670**
F	**0.000**	**0.000**

NCAA Division I & II
Eligibility Rules

Division I Academic Requirements

College-bound student-athletes first enrolling at an NCAA Division I school on or after August 1 2026, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirements

Complete 16 core courses in the following areas:

- 4 years of English
- 3 years of math (Algebra 1 or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

Full Qualifier

- Complete 16 core courses:
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school
  - Seven of the 10 core courses must be in English, math, or science
- Earn a core-course GPA of at least 2.300
- Graduate high school

Division II Academic Requirements

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1 2026, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirements

- 3 years of English
- 2 years of math (Algebra I or Higher)
- 2 years of natural or physical science (including one year of lab science if offered)
- 2 years of social science
- 3 additional years of English, math or natural or physical science
- 4 additional years of English, math, natural or physical science, social science, foreign language, comparative religion or philosophy

Full Qualifier

- Complete 16 core courses
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school
  - Seven of the 10 core courses must be in English, math, or science
- Earn a core-course GPA of at least 2.200
- Graduate High School

Note: Students enrolling at an NCAA Division I or II institution for the first time must create an account online @ www.elegibilitycenter.org.

NCAA Eligibility Center
Approved Courses at Salem Community High School

ENGLISH
ENGLISH 1/H
ENGLISH 11
ENGLISH 2/H
ENGLISH 21
ENGLISH 3/H
ENGLISH 31
ENGLISH 32
ENGLISH 4/H
TRANSITIONAL ENGLISH 4
CREATIVE WRITING

MATHEMATICS
APPLIED ALGEBRA 1
ALGEBRA 1
ALGEBRA 1/H
APPLIED ALGEBRA II
ALGEBRA 2
ALGEBRA 2/H
AP CLACULUS
APPLIED GEOMETRY
GEOMETRY
GEOMETRY/H
PRECALCULUS
TRIGONOMETRY/H
STATISTICS

NATURAL/PHYSICAL SCIENCE
BIOLOGY 1
BIOLOGY 1/H
BIOLOGY 2
CHEMISTRY 1
CHEMISTRY 1/H
CHEMISTRY 2
ENVIRONMENTAL SCIENCE
HUMAN BIOLOGY
LAB SCIENCE A
LAB SCIENCE B
PHYSICAL SCIENCE
PHYSICS
PRINCIPLES OF TECHNOLOGY I
PRINCIPLES OF TECHNOLOGY II

SOCIAL SCIENCE
CIVICS
PSYCHOLOGY
SOCIOLOGY
US HISTORY
WORLD HISTORY
WORLD GEOGRAPHY
HISTORICAL ANALYSIS THROUGH MEDIA

ADDITIONAL CORE COURSES
SPANISH 1
SPANISH 2
SPANISH 3
SPANISH 4

Courses Offered

Agriculture

- Introduction to Agriculture
- Agriculture/Horticulture Science
- Agriculture/Horticulture Science Basics
- Biological Science Applications in Agriculture
- Agricultural Mechanics and Technology
- Agribusiness Management
- Horticultural Production
- Advanced Animal and Plant Science
- Supervised Occupation Experience

Business Tech & Career Education

- Business & Technology Concepts
- Career Exploration
- Computer Applications 1
- Computer Applications 2
- Creating Entrepreneurial Opportunities (CEO)
- Digital Communications
- Entrepreneurship & Business Operations
- Entrepreneurship 2
- Keyboarding Basics
- Marketing and Advertising
- Web Design

Career & Technical Education

- Introduction to Industry
- Introduction to Electricity/Electronics
- Introduction to Manufacturing
- Introduction to Transportation
- Introduction to Construction
- Career Technology
- Construction I/II
- Digital Electronics
- Drafting/Computer Aided Drafting I/II
- Electronics I/II
- Manufacturing I/II
- Millwork & Cabinet Making I/II
- Principles of Technology I/II
- Transportation I/II

ENGLISH

- Broadcasting
- English I Honors
- English 11
- English 13
- English II Honors
- English 21
- English 23
- English III Honors
- English 31
- English 33
- Senior Honors ENGL 101
- Senior Honors ENGL 102
- Transitional English 4
- Creative Writing
- Yearbook
- Young Adult Literature

FAMILY AND CONSUMER SCIENCES

- Orientation to Family & Con Science
- Foods and Nutrition I
- Foods and Nutrition II
- Foods and Nutrition III
- Foods and Nutrition IV
- Advanced Culinary Arts
- Clothing & Textiles I
- Clothing & Textiles II
- Clothing & Textiles III
- Child Development
- Parenting
- Housing & Interior Decorating
- Adult Living
- Resource Management
- Consumer Education Basics
- Cooperative Education (CO-OP)

FINE ARTS

- Art 1,2,3,4
- 3D Design
- Advanced 3D Design
- Digital Photography
- Advanced Digital Photo
- Fine Craft Studio
- Guitar I
- Guitar II
- Music Technology I
- Music Technology II
- Color Guard
- Concert Choir
- Concert Band
- Piano Lab 1
- Rock Band 101
- Percussion Ensemble

GENERAL STUDIES

- GS English I, II, III, IV
- GS Literature
- GS Life Skills Math
- GS Math 1,2,3,4
- GS Science I
- GS Earth Science
- GS U.S. History
- GS World History
- GS Civics
- GS Health
- GS Resource
- GS Music
- GS Independent Study
- GS Vocational Education
- GS Adult Living

TLC

- TLC English
- TLC Social Studies
- TLC Intro Work
- TLC Math
- Adapted Physical Education

HEALTH & SAFETY

- Coeducational Physical Education
- Athletic Weight Training
- Health
- Driver Education / Classroom
- Driver Education / Behind-the-Wheel
- Summer Driver Education / Behind-the-Wheel

HEALTH OCCUPATIONS

- Intro to Health Occupations
- Nursing Assistant
- Lab Assistant/Phlebotomy

LANGUAGES

- Spanish 1
- Spanish 2
- Spanish 3
- Spanish 4

MATHEMATICS

- Math Essentials 1
- Math Essentials 2
- Pre-Algebra
- Algebra 1
- Honors Algebra 1
- Applied Geometry
- Geometry
- Honors Geometry
- Computer Programming
- Applied Algebra 2
- Algebra 2
- Honors Algebra 2
- Honors Trigonometry
- Pre-Calculus
- Statistics
- AP Calculus
- Transitional Math
- Computer Science Principles 1
- Computer Science Principles 2

SCIENCE

- Science (Lab)
- Lab Science A Bio/EnvSc(Lab)
- Lab Science B Earth Sci (Lab)
- Biology 1 (Lab)
- Biology 1 Honors (Lab)
- Biology 2 (Lab)
- Physical Science (Lab)
- Chemistry 1 (Lab)
- Honors Chemistry 1 (Lab)
- Chemistry 2 (Lab)
- Physics (Lab)
- Human Biology (Lab)
- Environmental Science (Lab)

SOCIAL STUDIES

- World Geography
- World History
- U.S. History
- Civics
- Psychology
- Sociology
- Historical Analysis Through Media

AGRICULTURE

Freshman

Introduction to Agriculture
Agriculture/Horticulture Science

Sophomore

Introduction to Agriculture
Agriculture/Horticulture Science
Biological Science Applications in Agriculture
Agricultural Mechanics and Technology (Even Grad Yr)
Agribusiness Management (Odd Grad Yr)
Horticultural Production (Odd Grad Yr)
Advanced Animal and Plant Science (Even Grad Yr)

Junior

Introduction to Agriculture
Agriculture/Horticulture Science
Biological Science Applications in Agriculture
Agricultural Mechanics and Technology (Even Grad Yr)
Agribusiness Management (Odd Grad Yr)
Horticultural Production (Odd Grad Yr)
Advanced Animal and Plant Science (Even Grad Yr)

Senior

Introduction to Agriculture
Agriculture/Horticulture Science
Biological Science Applications in Agriculture
Agricultural Mechanics and Technology (Even Grad Yr)
Agribusiness Management (Odd Grad Yr)
Horticultural Production (Odd Grad Yr)
Advanced Animal and Plant Science (Even Grad Yr)

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.
More information may be found @ salemhigh.com .

AGRICULTURE

Introduction to Agriculture
Agriculture/Horticulture Science
Biological Science Applications in Agriculture
Agricultural Mechanics and Technology
Agribusiness Management
Horticultural Production
Advanced Animal and Plant Science
Supervised Occupation Experiences

INTRODUCTION TO AGRICULTURE

ILLINOIS STATE CODE: 18001A001
68003A001

Credit: 1.0 Length: year
Open to Grade(s): 9-12
Prerequisite: None (Orientation Level)

This introductory course will provide the students with an opportunity to learn about how the agriculture industry is organized and the types of job opportunities that the agriculture field of study has to offer. Course content will include the following units of study:

- Major components of the agriculture industry
- Economic influence of agriculture at the local, state, national, and international levels
- Scope and types of job opportunities in the agriculture field
- Employability skills
- FFA: History, purpose and benefits
- Basic concepts in animal science
- Basic concepts in plant science
- Basic concepts in soil science
- Basic concepts in horticulture
- Basic concepts in agriculture resources
- Basic concepts in agribusiness management
- Basic concepts in agriculture mechanics
- Introduction to microcomputer application in agriculture
- Generalizable skills
- Basic concepts in leadership

This course content will be taught using FFA in the classroom, lectures, handouts, class projects, demonstrations, hands on experience, field trips, videos, computer instruction, etc.

AGRICULTURE/HORTICULTURE SCIENCE
ILLINOIS STATE CODE: 18003A001

Credit: 1.0 Length: year
Open to Grade(s): 9-12
Prerequisite: None

This full year course will use the basic skills and knowledge gained from Introduction to Agricultural Industry. Units of instruction will include:

- Advanced plant and soil science
- Advanced animal science, agriculture mechanic skills for assembling, maintaining, and repairing equipment and facilities
- Applied math and science skills
- Appropriate computer applications
- Concepts in leadership continued
- Continued youth groups

The course content will be taught using community resources, videos, field trips, demonstrations, class projects, computer instruction, and FFA in the classroom.

AGRICULTURE MECHANICS AND TECHNOLOGY
(Taught Even Numbered Graduation Years)
ILLINOIS STATE CODE: 18402A001

Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Introduction to Agriculture or permission of Instructor or Principal

This course introduces students to key concepts and hands-on skills in agricultural mechanics and technology. Students will explore topics such as small engine maintenance, basic electrical work, plumbing, concrete, welding, land surveying, and the safe operation of agricultural equipment. Emphasis will be placed on safety, technical proficiency, and the development of problem-solving abilities. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects will offer opportunities for leadership growth and career exploration.

Units of study will include:

- Apply general safety practices across various tasks and equipment use.
- Gain basic understanding of small engine components and perform routine upkeep.
- Learn foundational electrical principles and troubleshoot common issues.
- Understand basic plumbing systems and how to address typical problems.
- Explore basic techniques for working with concrete in agricultural contexts.
- Learn the basics of welding and safe operation of related tools.
- Develop a general understanding of land measurement and analysis techniques.

BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE
ILLINOIS STATE CODE: 18051A002

Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Lab Science or Biology 1

This course is designed to reinforce and extend students' understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. This course will deepen students' understanding of science as content and as a process through the use of numerous laboratory exercises and experiments. This course can be counted as one of the two science credits required for graduation.

Course objectives:

- To reinforce and extend students' understanding of biological science concepts and principles.
- To illustrate agricultural applications of biological science concepts and principles.
- To develop students' science process skills, including experimentation and problem solving.
- To create a greater awareness and understanding of the nature and importance of the agricultural industry to all citizens.
- To develop leadership and entrepreneurial skills in students.
- To inform students of career opportunities in the agricultural industry.
- To contribute toward mastery of the four state goals for learning in the biological sciences through increased understanding of:
    a. basic biological science concepts and their applications
    b. implications and limitations of technology and its relationship to science
    c. principles and applications of scientific research
    d. the scientific research process

AGRIBUSINESS MANAGEMENT
(Taught Odd Numbered Graduation Years)
ILLINOIS STATE CODE: 18201A001

Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Introduction to Agriculture or permission of Instructor or Principal

This course is designed to help students develop saleable skills in the area of agriculture management. Units of instruction will include:

- Advanced agriculture business procedures
- How to establish agriculture businesses
- Agribusiness management
- Agribusiness financing
- Marketing and advertising
- Sales techniques and strategies
- Product knowledge
- Computer spreadsheets
- Employment skills

Students will practice skills in the classroom. Method of teaching will include innovative use of relevant resources.

This course can be taken to fulfill the Consumer Education requirement for graduation.

HORTICULTURAL PRODUCTION
(Taught Odd Numbered Graduation Years)
ILLINOIS STATE CODE: 18052A001

Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Introduction to Agriculture or permission of Instructor or Principal

This course explores the wide variety of occupational opportunities in the production, sales and service, and technology of modern Horticulture. With special emphasis on the area of Nursery Operations and Management, Floral Design, Horticulture Mechanics, Interior Landscaping, and Greenhouse Production and Marketing. Students will explore each area with opportunities for classroom instruction, laboratory exercises, greenhouse and outdoor projects, and field trips.

ADVANCED ANIMAL AND PLANT SCIENCE
(Taught Even Numbered Graduation Years)
ILLINOIS STATE CODE: 18101A000
18053A001

Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Introduction to Agriculture or permission of Instructor or Principal

This course provides an in-depth study of both animal production and plant science, focusing on the care and management of companion animals, livestock, and greenhouse crops. In the first semester, students will explore essential concepts in animal health, nutrition, reproduction, behavior, and facility management. The second semester shifts focus to plant physiology, nutrition, propagation, and the business aspects of greenhouse production. Throughout the course, the students will engage in hands-on learning, research, and decision-making processes that prepare them for careers in agriculture. Participation in FFA and Supervised Agricultural Experience (SAE) projects is encouraged to support leadership development and real-world application.

Learning Objectives:
- Understand the basics of animal and plant health, nutrition and care.
- Learn key concepts in reproduction and growth for animals and plants.
- Explore facility management and business operations related to agriculture.
- Develop hands-on skills in plant production and animal management.
- Apply research and analytical skills to decision-making in agriculture.
- Gain insight into marketing and business strategies for agriculture products.
- Concepts of FFA and SAEs

SUPERVISED AGRICULTURE EXPERIENCES
ILLINOIS STATE CODE: 18999A001

Credit: 0.5 Length: semester
Open to Grade(s): 10 - 12
Prerequisite: Introduction to Agriscience Industry, and enrolled in an approved agriculture program sequence.

Students will complete a minimum of one approved project. Project will consist of the following:

- Acceptable plans
- Training plans and agreements
- Project record workbook
- Supervised study
- Summary and analysis of Record Book
- Web based Record Book

The agriculture instructor will offer supervision for this project and conduct an instructor project visitation of the students supervised agriculture experience.

BUSINESS TECH & CAREER EDUCATION

Freshman
Computer Applications 1
Computer Applications 2
Marketing & Advertising
Web Design

Sophomore
Business & Technology Concepts
Career Exploration
Computer Applications 1 & 2
Entrepreneurship & Business Operations
Entrepreneurship 2
Marketing & Advertising
Web Design
Digital Communications

Junior
Business & Technology Concepts
Career Exploration
Computer Applications 1 & 2
Entrepreneurship & Business Operations
Entrepreneurship 2
Marketing & Advertising
Web Design
Digital Communications

Senior
Business & Technology Concepts
Career Exploration
Computer Applications 1 & 2
Entrepreneurship & Business Operations
Entrepreneurship 2
Marketing & Advertising
Web Design
Digital Communications
Creating Entrepreneurial Opportunities (CEO)

BUSINESS TECH & CAREER EDUCATION

Business & Technology Concepts
Career Exploration
Computer Applications 1 Computer Applications 2
Entrepreneurship & Business Operations
Entrepreneurship 2
Marketing & Advertising
Web Design
Digital Communications
Creating Entrepreneurial Opportunities (CEO)

BUSINESS & TECHNOLOGY CONCEPTS
ILLINOIS SATE CODE: 12001A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: None (Orientation Level)

This orientation-level course will provide an overview of all aspects of business, marketing, and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration, and production). Personal finance dealing with installment purchasing, budgeting, and comparison shopping will be covered in this course.

Students will be introduced to a wide range of careers. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving, business ethics, and workplace skills.

This course can be taken to fulfill the Consumer Education requirement for graduation.

CAREER EXPLORATION
ILLINOIS STATE CODE: 12001A000
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: None

Student will develop a career plan that is based on their skills and interests. Career plans will consider training in technical and trade schools, two year, four year, and advanced degrees of study. Students will also investigate where their training or degree is offered, the cost of the schooling, and evaluate the many sources that are available to help pay for schooling. Filling out applications to tech schools or colleges, locating and submitting scholarships, and preparing to enter the job market by completing a resume, and participating in mock interviews will be covered. Students will also complete a "My Plan" portfolio that will act as a road map for their future.

COMPUTER APPLICATIONS 1
ILLINOIS STATE CODE: 12005A001
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None (Orientation Level)
Dual Credit: Kaskaskia College:
OFTC 108 Introduction to Keyboarding
(1 credit hour)
OFTC 110 Keyboarding I (3 credit hours)

Learning how to type properly is an important lifelong skill. Students will learn and build on keying skills in order to develop basic computer skills for personal and business use.

Course objectives:

- Key using correct technique and the touch method
- Format personal/business letters, reports, and tabulation problems
- Develop word processing skills
- Spell check and proofread to improve document quality
- Improve internet skills

COMPUTER APPLICATIONS 2
ILLINOIS STATE CODE: 10004A001
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Computer Applications 1
Dual Credit: Kaskaskia College:
CITA 110 Introduction to Word Processing (1 credit hour)
CITA 120 Microsoft Excel (1 credit hour)
CITA 140 Microsoft Powerpoint (1 credit hour)

This is an orientation-level course designed to:

- Continue building skill in typing professional documents, proofreading and editing, and continue building speed and accuracy
- Integrate word processing, spreadsheets, presentation. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment.

DIGITAL COMMUNICATIONS
ILLINOIS STATE CODE: 11151A001
Credit: 0.5 Length: semester/may be repeated for additional credit
Open to Grade(s): 10-12 (Application for admission required)
Prerequisite: Computer Apps 1 & Permission of Instructor

Students in this preparation level class will be responsible for most aspect of maintaining and updating the SCHS website, salemhigh.com. Other responsibilities could include but are not limited to maintaining and designing digital information displays on campus as well as creating school print publications for school events, creating bulletin boards and other similar projects. Students interested should possess intermediate computer skills and have an interest in graphic design. Eligible students will be selected through an application and teacher evaluation process. Web Design is recommended but no required if a student can demonstrate necessary skills to be successful in this work-based environment.

ENTREPRENEURSHIP & BUSINESS OPERATIONS
ILLINOIS STATE CODE: 12053A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Dual Credit: Kaskaskia College:
BUSN 151 Entrepreneurship (3 hours)

In this class students will study the process of opening and managing a small business. Units in accounting, economics, and business management, as well as human resources topics such as interviewing & resumes, will be covered.

ENTREPRENEURSHIP 2
ILLINOIS STATE CODE: 12053A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: Entrepreneurship & Business Operation

This course is a continuation of Entrepreneurship & Business Operations. A deeper understanding of the business cycle will be examined through project-based learning using computerized accounting that includes closing procedures, payroll and taxes. Other breakout units will include ethics, business law, interviewing, and business plan writing.

MARKETING AND ADVERTISING
ILLINOIS STATE CODE: 12151A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Computer Applications 1

Students will explore marketing and how it fits into the business model, primarily small business. The class will focus on promotional strategies. Special emphasis will be on online advertising such as commercials, and social media.

WEB DESIGN
ILLINOIS STATE CODE: 1201A0001
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Computer Applications 1
Dual Credit: Kaskaskia College
CITW 110 Web Site Design with HTML
(3 credit hours)

This is a skill-level course designed to prepare students to plan, design, create, and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, graphic editors, and web page design software. Students will create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles.

CREATING ENTREPRENEURIAL OPPORTUNITIES (CEO)
ILLINOIS STATE CODE: 12998A001

Credit: 2.0	Length: year
Open to Grade(s):	12
Prerequisite:	Digital application process through Midland Institute for Entrepreneurship and Approval of Principal and Counselor
Dual Credit:	Kaskaskia College BUSN 151 Entrepreneurship (3 hours) BUSN 215 Small Business Management (3 hours)

Note: Students are responsible for their own transportation

Creating Entrepreneurial Opportunities is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Our local business community partners, create project-based experiences for students by providing funding, expertise, meeting spaces, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course.

CAREER & TECHNICAL EDUCATION

Freshman

Introduction to Industry

Sophomore

Introduction to Industry
Intro to Construction
Intro to Transportation
Intro to Manufacturing
Intro to Electricity/Electronics
Career Technology

Junior

Intro to Construction
Intro to Transportation
Intro to Manufacturing
Intro to Electricity/Electronics
Drafting/
Computer Aided Drafting
Construction I & II
Principles of Technology I
Electronics I
Manufacturing I
Millwork & Cabinet Making I
Transportation I
Career Technology

Senior

Intro to Manufacturing
Intro to Electricity/Electronics
Intro to Transportation
Construction I & II
Electronics I
Manufacturing I
Millwork & Cabinet Making I
Transportation I
Drafting/ Computer Aided
Drafting I
Drafting/Computer Aided
Drafting II
Electronics II
Manufacturing II
Millwork and Cabinet Making
II
Transportation II
Career Technology

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.
More information may be found @ salemhigh.com

CAREER & TECHNICAL EDUCATION

Introduction to Industry
Introduction to Construction
Introduction to Electricity/Electronics
Introduction to Manufacturing
Introduction to Transportation

Career Technology
Digital Electronics

Construction I
Construction II

Drafting/Computer Aided Drafting I
Drafting/Computer Aided Drafting II

Electronics I
Electronics II

Manufacturing I
Manufacturing II

Millwork & Cabinet Making I
Millwork & Cabinet Making II

Principles of Technology I
Principles of Technology II

Transportation I
Transportation II

INTRODUCTION TO INDUSTRY A/B
ILLINOIS STATE CODE: 21052A001/21052A002
Credit: 1.0 Length: year
Open to Grade(s): 9 - 12
Prerequisite: None (entry level course)

This course is designed to inform students about today's industrial world and the kinds of industries we have in our region that we will be offering programs in. It is designed to expose students to a variety of occupations and provide minimum basic skill development that will enable students to make meaningful decisions about which industrial occupation area to pursue. Through a variety of training activities, students will be exposed to career opportunities in the four systems of the Illinois Plan for Industrial Education, i.e., transportation, energy utilization's, communications, and production.

Experiences will start with basic employability skills needed by all workers and basic safety principles for industry. Students will also be exposed to transition skills, vocational ethics, and generalizable skills in this course. Experiences will include resources, technical processes, industrial applications and technological impact. Units of study will include basics in the following:

- Vocational and Occupational Safety Standards
- Proper Care and use of Tools
- Computer Aided Drafting
- Scaled Drawing
- Overview of Engineering and Design
- Careers within the Automotive Industry
- Small Engine Parts and Operation
- 2 Stroke and 4 Stroke Engine Theory
- Metal Bench Working
- Manufacturing/Welding
- Beginning Measurements and Calculations
- Construction/Building Trades
- Basic Electrical Theory
- Electrical Wiring
- Solar/Clean Energy
- Alternative Energy Sources

Exposure to all of these areas will be through a series of guest speakers, film and laboratory simulations. Activities would include a hands on approach with studies in the qualifications for various job opportunities and activities in the laboratory, shop, classroom, and the actual work setting.

INTRODUCTION TO CONSTRUCTION
ILLINOIS STATE CODE: 17001A001
Credit: 0.5 Length: semester
Open to Grade(s): 10 - 12
Prerequisite: Introduction to Industry or permission of Instructor and Principal

This course provides experiences related to the erection, installation and maintenance of residential buildings and related fixtures. Planned learning activities will allow students to become knowledgeable to fundamental principles and methods and to develop technical skills related to carpentry, building maintenance, and finish work. Instruction should include safety principles and practices, recognition of standard building concepts and procedures, local, state and national codes, cost estimating and blueprint reading. Students will be required to construct a project using woodworking machines.

INTRODUCTION TO ELECTRICITY/ELECTRONICS
ILLINOIS STATE CODE: 17102A005
Credit: 0.5 Length: semester
Open to Grade(s): 10 - 12
Prerequisite: Introduction to Industry or permission of Instructor and Principal
Dual Credits: Kaskaskia College
INDT 105 DC Fundamentals (3 credit hours)

This one semester introductory course deals with a variety of skills associated with various electrical and electronic occupations. It will provide the student with an understanding of basic electricity and electronics and an awareness of the kinds of job opportunities in Electronics: i.e. Electronics Technician, Computer Repair Technician, Automotive Sound System Installer, Electrician, Security System Installer, Communications, Global Positioning Systems and others.
Units of study will consist of the following:

- Computer hardware
- Car sound systems
- Residential wiring
- Basic electronic theory
- Safety practices
- Component applications
- Use of test equipment
- Basic DC circuits
- Power supplies

Hands on activities will enable students to develop basic knowledge and skills for use in upper level courses in Electronics.

INTRODUCTION TO MANUFACTURING
ILLINOIS STATE CODE: 13207A000

Credit: 0.5 Length: semester
Open to Grade(s): 10 - 12
Prerequisite: Introduction to Industry or permission of Instructor and Principal

This introductory course will expose students to a variety of basic skills needed in manufacturing occupations. Students will also be made aware of the kinds of job opportunities available in the manufacturing field; processing materials in metal, plastics, ceramics, and wood. Units of study will include:

- Career opportunities in manufacturing
- Basic safety practices and principles
- Basic manufacturing processes
- Performing measurements
- Basic tools and machines used for separating, forming, and combining materials
- Basic materials-metals, plastics, ceramics and wood-used in manufacturing
- Bench work operations
- Basic marketing process
- A short mass production project
- CAD
- CNC plasma cutting

Hands on activities will enable students to develop basic knowledge and skills for use in upper level courses in manufacturing. Dispersed throughout the course will be appropriate employability skills, generalizable skills, transition skills and vocational ethics.

INTRODUCTION TO TRANSPORTATION
ILLINOIS STATE CODE: 20103A000
Credit: 0.5 Length: semester
Open to Grade(s): 10 - 12
Prerequisite: Introduction to Industry or permission of Instructor and Principal

This course will begin to teach students basic skills needed to develop competencies for employment and/or continued education in the area of transportation (Auto Mechanics). Units of study will include:

- Career opportunities in transportation
- Gasoline and diesel engines and how they operate
- Basic information about auto engines and auto systems and their components
- Vocational pursuits and choices in the automotive field
- Basic employability skills
- Vehicle fluids and systems
- Basic Automotive Tools

The student will become familiar with the basic tools and procedures of maintenance. They will also be able to see and examine many of the parts of an engine and gain an understanding of their function and operation.

DRAFTING/COMPUTER AIDED DRAFTING I
ILLINOIS STATE CODE: 21106A001
Credit: .5 Length: semester
Open to Grade(s): 11 - 12
Prerequisite: Introduction to Industry or permission of Instructor and Principal
Dual Credit: Kaskaskia College
DFTG 122 CAD Theory and Practice I -
(3 credit hours)

This course is designed to provide drafting students with information and practical experiences needed for the development of job related competencies. Units of study will include:

- Planning and organizing drafting activities
- Preparing various sketches (isometric, orthographic, pictorial oblique, etc.)
- Performing basic layouts
- Detailing drawings
- Using reproduction techniques
- Using computer assisted drafting process to produce drawings

CAREER TECHNOLOGY
ILLINOIS STATE CODE: 21010A001
Credit: 1.0 Length: year
Open to Grade(s): 10 - 12
Prerequisite: None

Students in this course will work in a group setting with each module lasting approximately two weeks. A module consists of a high tech topic with hands on application. Topics covered include: Photoshop, Autodesk inventor, 3D printing, Digital Video, Robotics, CNC Engraving, CNC Turning, CNC Vinyl Cutting, Computer Aided Drafting, Engineering, Research and Design, Plastics, Electronics, and Digital Photography. An emphasis is placed on problem solving and team work. Overview Video is available at www.salemhigh.com/newstaff/departments/vocational/index.htm.

ELECTRONICS I
ILLINOIS STATE CODE: 17102A001
Credit: 1.0 Length: year
Open to Grade(s): 11 - 12
Prerequisite: Introduction to Electronics or permission of Instructor and Principal
Dual Credit: Kaskaskia College (4 hours = Intro to Electronics + Electronics I) Note: Must take both classes to receive this dual credit.
INDT 105 DC Fundamentals (4 credit hours)

This is a full year course that will provide "hands-on" learning experiences for students to become more knowledgeable of fundamental D.C. electronic theories and laws and to develop practical skills in building, testing, maintaining, upgrading, and/or repairing electronic circuits related to: Computers, Power Supplies, Automotive Sound Systems, Security Systems, Communication Systems and others.

Units of instruction include:

- Car sound system installation
- Residential wiring
- Safety principles and practices
- Use and care of equipment
- Electronic component identification
- DC circuits
- Test equipment
- Printed circuit board construction
- Power supply construction

New technology will be constantly introduced during the year.

MANUFACTURING I A/B
ILLINOIS STATE CODE: 13207A001/
Credit: 1.0 Length: year
Open to Grade(s): 11 - 12
Prerequisite: Introduction to Manufacturing or permission of Instructor and Principal

Learning activities will include hands on lab experiences with welding equipment and machines used by manufacturing industries, i.e., plasma cutting, engine lathe, drill press, saws, CNC machines, and mig machines. This course consists of a planned sequence of learning experiences which provide students with the opportunity to develop competencies needed for employment in a variety of manufacturing related occupations. Units of instruction will include:

- Welding processes in oxyacetylene, arc, mig, tig, and plasma arc
- Lathe turning
- Review of safety practices and principles
- Selecting materials
- Advanced bench work operations
- Precision measurement
- Operating a variety of tools and machines used for separating, forming and combining materials
- Housekeeping and record keeping activities
- Student production run

MILLWORK AND CABINET MAKING I
ILLINOIS STATE CODE: 17007A001
Credit: 1.0 Length: year
Open to Grade(s): 11 - 12
Prerequisite: Introduction to Industry or permission of Instructor and Principal

This full year training level course will provide students with experiences related to manufacturing, millwork products and cabinets. The course will include:

- A review of safety practices and principles
- Manufacturing processes and procedures
- Advanced cutting and shaping
- Advanced machine and tool processes
- Wood joints
- Assembling
- Fastening and installing components
- Mass production project
- Kitchen cabinet construction

TRANSPORTATION I
ILLINOIS STATE CODE: 20106A001
CREDIT: 1.0 Length: year
Open to Grade(s): 11 - 12
Prerequisite: Introduction to Transportation or permission of Instructor and Principal
Dual Credit: Kaskaskia College
AUTO 119 Auto Fundamentals & Safety
(1 credit hour)

This course will provide learning experiences related to the repair and servicing of a variety of transportation and maintenance equipment. The planned learning activities will allow students to become knowledgeable of fundamental principles and methods and to develop technical skills related to auto mechanics, diesel mechanics, and gasoline engine repair. Units of study will include:

- Advanced safety principles and practices
- Review of four stroke cycle engines
- The automobile engine and it's systems, i.e., emission control, advanced engine electronics and technology, new design features, basic engine and analysis equipment
- Basic skills for diagnosing, repairing and servicing various types of automotive engines
- Introduction to drive train and chassis components
- Air brush fundamentals
- Vehicle inspections

Learning experiences will give students very basic knowledge and skills for entry level occupations in the area of auto and gasoline engine diagnosis, repair, and service. Students will receive limited hands on laboratory experiences in actually repairing auto and gasoline engines.

PRINCIPLES OF TECHNOLOGY I
ILLINOIS STATE CODE: 21001A001
Credit: 1.0(Science Credit Eligible) Length: year
Open to Grade(s): 11-12
Prerequisite: None
Dual Credit: Kaskaskia College:
TECP 107 Technical Physics (4 credit hours)

This is a course in applied physics for those who plan to pursue careers as technicians or simply keep pace with the advances in modern technology. This course combines scientific principles with hands on application. Concepts covered include force, work, rate, resistance, energy, and power. The concepts are applied to mechanical, fluid, electrical and thermal systems. Principles of Technology blends an understanding of basic principles with practice.

CONSTRUCTION I
ILLINOIS STATE CODE: 17002A001
Credit: 1.0 Length: year *Note: 2 period class*
Open to Grade(s): 11 - 12
Prerequisite: Introduction to Construction or permission of Instructor and Principal
Dual Credit: Kaskaskia College:
CSTR 100 Fundamentals of Construction Practices
(2 credit hours)

This training level course will provide the students with experience related to the construction, installation and maintenance of residential buildings and related fixtures. Units of study will may include:

- Review of safety practices and principles
- Building principles
- Footings, foundation and basement layout methods
- Local, state, and national codes
- Cost estimating
- Read and interpret blueprints
- Floor, wall, ceiling and roof frame
- Apply roofing materials
- Layout and construct sidewalk, porches and driveways, and wood decks
- Grade yard
- Observe and discuss plumbing, heating, and air conditioning
- Observe and discuss rough wiring
- Discuss other skill trade labor programs
- Basic employable skills

This program is designed to equip students with entry level employability skills in construction occupations.

CONSTRUCTION II
ILLINOIS STATE CODE: 17002A002
Credit: 1.0 Length: year *Note: 2 period Class*
Open to Grade(s): 12
Prerequisite: Construction I or permission of Instructor and Principal.

A continuation of the above listed construction units. This training level course will allow the ambitious student the opportunity to expand their knowledge/skills in the construction field. Construction II students will learn leadership skills that are conducive to positive collaborative learning environments that will prepare them for post high school training, work or college.

DRAFTING/COMPUTER AIDED DRAFTING II
ILLINOIS STATE CODE: 21106A002
Credit: .5 Length: semester
Open to Grade(s): 12
Prerequisite: Drafting/Computer Aided Drafting I or permission of Instructor and Principal
Dual Credit: Kaskaskia College: DFTG 140 Mechanical Drawing I

This full year drafting course will help students continue to develop learnings begun in the first course of drafting. Units of instruction will include:

- Producing parametric drawings
- Interpreting codes and construction working drawings
- Using and producing computer assisted design drawings
- 3D Design

ELECTRONICS II
ILLINOIS STATE CODE: 17102A002
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Electronics I or permission of Instructor and Principal

This is a full year course that will provide "hands-on" learning experiences for students to become more knowledgeable of fundamental A.C. electronic theories and laws. Topics will include the generation, measurement, and distribution of AC to our homes, businesses, and industry, transformers, reactance, impedance, resonance and filters. Laboratory sessions include the use of audio and radio frequency generators and the oscilloscope for circuit analysis.

Units of study will include the following:

- Advance residential wiring systems
- Communication systems
- "Head-End" audio system
- Global positioning systems
- Basic AC theory
- Safety practices
- Component types and testing
- Basic AC circuits
- Use of special test equipment

New technology will be constantly introduced during the year.

MANUFACTURING II
ILLINOIS STATE CODE: 13207A002
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Manufacturing I or permission of Instructor and Principal

This second year skill development level course will offer experiences which will expand upon competencies achieved in the previous course Manufacturing I. The course will offer students the opportunities to specialize in specific areas of manufacturing such as machine tool set up and operation, welding, and quality control. Units of study will include:

- Review of safety practices and principles
- Advanced bench work applications
- Separating, forming and combining materials
- Metalizing and heat treatment of metal
- Advanced welding techniques
- Advanced machine set up and operation
- Installation, maintenance and repair of machinery
- Advanced lathe turning and milling

This advanced level course is designed to give the student knowledge and skills that would enable him/her to obtain an entry level job in manufacturing or provide him/her with a good foundation for furthering his/her education in the area of manufacturing.

MILLWORK AND CABINET MAKING II
ILLINOIS STATE CODE: 17007A002
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Millwork and Cabinet Making I

This full year advanced skill level course will build on experiences students gained in the previous course, Millwork & Cabinet Making I. Units of study will include:

- Shop plans
- Production line layout
- Applying wood veneers and plastic lamination
- Building jigs and fixtures
- Quality control
- Transporting and installing cabinets
- Demonstrating cabinets
- Estimating jobs
- Work assignments
- Setting up work stations
- Cabinet construction

TRANSPORTATION II
ILLINOIS STATE CODE: 20104A002
Credit: 2.0 Length: year Note: 2 period class
Open to Grade(s): 12
Prerequisite: Transportation I or permission of Instructor and Principal.
Dual Credit: Kaskaskia College
AUTO 139 Brake Systems (4 credit hours)
Note: Student must have valid drivers license.

This full year advanced course will provide learning experiences designed to develop more advanced knowledge, skills and attitudes for students who wish to pursue a career in auto or diesel mechanics. Units of study will include:

- Advanced safety practices and principles
- Developing accurate trouble shooting and diagnostic techniques
- Proper use of shop manuals and charts
- Safe operation of auto service related machines
- Hands on experiences in the areas of major-minor engine repair and overhaul
- Engine tune-up
- Brake systems service
- Air brush fundamentals
- Vehicle inspections

The main emphasis of this course is hands on experience. The learning experiences are designed to help students acquire job entry skills and knowledge. This course requires two periods each day.

PRINCIPLES OF TECHNOLOGY II
ILLINOIS STATE CODE: 21001A002
Credit: 1.0 (Science Credit Eligible) Length: year
Open to Grade(s): 12
Prerequisite: Principles of Technology I

This course of study is the second level of Principles of Technology. The course is a full year long in the area of applied physics. The units to be covered are:

- Momentum
- Waves and vibrations
- Energy convertors
- Transducers
- Radiation
- Optics and optical systems
- Time constants

All units cover the math aspect as well as hands on applications of the topic.

DRIVER EDUCATION

Driver Education Classroom
Driver Education Behind-the-Wheel
Summer Driver Education (Behind-the-Wheel)

Driver Education courses (classroom and behind-the-wheel) are offered during the first and second semesters of the school year. The behind-the-wheel course is also offered during the summer.

Students will be given driving assignments in the following order:

First: Those students who pre-registered for Driver Education.

Second: Order by age.

Freshmen are eligible for the classroom phase of Driver Education if they have passed at least 8 courses during the previous two semesters and their birthdates falls prior to the determined cut off date.

DRIVER EDUCATION CLASSROOM
ILLINOIS STATE CODE: 08151A000
Credit: .25 Length: 9 weeks
Not Calculated in GPA
Open to Grade(s): 9 - 12
Prerequisite: At least 15 years of age and 8 courses passed the previous two semesters

The classroom develops basic attitudes and ideas about driving. It also includes basic information students need to become good, safe, defensive drivers. Credit is given for the classroom phase after completing a minimum of thirty hours of attendance and receiving a passing grade.

DRIVER EDUCATION BEHIND-THE-WHEEL
ILLINOIS STATE CODE: 08152A000
Credit: .25 Length: 6 – 9 weeks
Not Calculated in GPA
Open to Grade(s): 9 - 12
Prerequisite: Completion of Driver Education Classroom

The behind-the-wheel phase is concerned with applying the basic information, learning new facts and developing actual habits and skills, at home as well as at school, so that the student will be able to drive safely and defensively. This phase of Driver Education follows the completion of the classroom phase and is offered during the school year and during the summer. Each student must receive six hours of instruction. Fee is $50.00.

SUMMER DRIVER EDUCATION BEHIND-THE-WHEEL
ILLINOIS STATE CODE: 08152A000
Credit: 0.25 Length: Completion of driving time required
Not Calculated in GPA
Open to Grade(s): 9 - 12
Prerequisite: Completion of Driver Education Classroom phase and 8 courses passed the previous two semesters

Driver Education Behind-the-Wheel is offered during the summer to Salem Community High School students who have not completed the course during the school year. Those students driving will be scheduled prior to the end of the school year. The course usually begins the last week of May with driving trying to be completed by the 1st week of July. Each student must receive six hours of instruction.

The driving phase fee is $50.00 and must be paid when registering for Summer Driver Education.

ENGLISH

Freshman
English 11
English 13
English I Honors

Sophomore
English 21
English 23
English II Honors
Yearbook Experience
Young Adult Literature

Junior
English 31
English 33
English III Honors
Broadcast Communications
Creative Writing
Yearbook Experience
Young Adult Literature

Senior
Transitional English 4
Senior Honors ENGL 101 English Composition
Senior Honors ENGL 102 English Composition
Broadcast Communications
Creative Writing
Yearbook Experience
Young Adult Literature

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.

English 11	English I Honors
English 13	English 21
English II Honors	English 23
Broadcast Communications	Creative Writing
English 31	English III Honors
English 33	Transitional English 4

Senior Honors ENGL 101 English Composition
Senior Honors ENGL 102 English Composition
Yearbook Experience

ENGLISH 11
ILLINOIS STATE CODE: 01051A000
Credit: 1.0 Length: year
Open to Grade(s): 9 - 10
Prerequisite: Performance on the 8th Grade placement test and teacher recommendation

The main areas of concentration in this course are reading comprehension, comprehensive grammar study, oral expression, and written expression including a research paper using proper citation format. Students are required to read a variety of classic and current literary works including all forms of literature: novels, plays, short stories, nonfiction, and poetry. Skills will include annotating to encourage active reading and active listening.

ENGLISH I HONORS
ILLINOIS STATE CODE: 01051A000
Credit: 1.0 Length: year
Open to Grade(s): 9
Prerequisite: Performance on the 8th Grade placement test and teacher recommendation

This is an accelerated course of study for freshmen which includes reading comprehension, comprehensive grammar study, oral expression, and written expression including a research paper using proper citation format. There are additional independent reading assignments with an emphasis on performance assessment and critical thinking. The course curriculum includes all literary genres: nonfiction, novels, short stories, poetry, and drama.

ENGLISH 13
ILLINOIS STATE CODE: 01051A000
Credit: 1.0 Length: year
Open to Grade(s): 9-10
Prerequisite: Performance on the 8th Grade placement test and teacher recommendation

The main areas of concentration in this course are fundamental skills in reading, composition, grammar, and speaking. Students write paragraphs, essays, and a research paper using proper citation format. The course curriculum includes a variety of works among all literary genres: nonfiction, novels, short stories, poetry, and drama.

ENGLISH 21
ILLINOIS STATE CODE: 01051A000
Credit: 1.0 Length: year
Open to Grade(s): 10-11
Prerequisite: English 11

This course emphasizes traditional and current selections of world literature and a variety of types of writing. Students complete research projects using proper citation format, complete a comprehensive study of grammar, and cover all genres of literature: nonfiction, novels, short stories, poetry, and drama, while practicing skills both in public speaking and in written expression.

ENGLISH II HONORS
ILLINOIS STATE CODE: 01051A000
Credit: 1.0 Length: year
Open to Grade(s): 10
Prerequisite: English I Honors

This is an accelerated course of study for sophomores. This course emphasizes literary analysis, comparison, and review of various essay forms as well as critical thinking skills. Students compose a research paper documented in proper citation format, complete a comprehensive study of grammar, and cover all genres of literature: nonfiction, novels, short stories, poetry, and drama, while practicing skills both in public speaking and in written expression.

ENGLISH 33
ILLINOIS STATE CODE: 01052A000
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: 23

The main areas of concentration in this course are improvement of reading and language skills, composition, grammar, and speaking. This course focuses on the major forms of American literature. Studies include a comprehensive study of grammar and preparation for standardized tests. Students write paragraphs, essays, and a research paper using proper citation format and cover all genres of literature: nonfiction, novels, short stories, poetry, and drama.

BROADCASTING
ILLINOIS STATE CODE: 11051A002
Credit: 0.5 Length: semester
Open to Grade(s): 11-12
Prerequisite: Student Application and permission of Instructor

This course is intended to teach students about the fundamentals of journalism, reporting, and broadcasting. It will be a writing-intensive course as students will have to research and write their own stories as well as complete weekly writing assignments. Additionally, it will feature a lab portion consisting of producing the daily WILD News broadcasts, feature stories from the community and school, and commercials. Creating these productions requires the use of computers and software for editing and broadcasting, as well as using the web to maintain an online presence.

ENGLISH 23
ILLINOIS STATE CODE: 01051A000
Credit: 1.0 Length: year
Open to Grade(s): 10 -11
Prerequisite: English 13

The main areas of concentration in this course are improvement of reading and language skills, composition, grammar, and speaking. Students write paragraphs, essays, and a research project using MLA format. The course curriculum includes a variety of works from all literary genres: nonfiction, novels, short stories, poetry, and drama.

ENGLISH 31
ILLINOIS STATE CODE: 01054A000
Credit: 1.0 Length: year
Open to Grade(s): 11
Prerequisite: English 21

This course emphasizes composition of a variety of essay styles and the study of American literature. Studies include a comprehensive study of grammar and preparation for standardized tests. Students compose a research paper documented in proper citation format and cover all genres of literature: nonfiction, novels, short stories, poetry, and drama.

ENGLISH III HONORS
ILLINOIS STATE CODE: 01054A000
Credit: 1.0 Length: year
Open to Grade(s): 11
Prerequisite: English II Honors

This is an accelerated course of study for juniors. This course emphasizes a chronology of American literature and composition. Studies include a comprehensive study of grammar and preparation for standardized tests. Students compose several MLA formatted papers, and cover all genres of literature: nonfiction, novels, short stories, poetry, and drama while practicing critical thinking skills through written and oral expression.

CREATIVE WRITING
ILLINOIS STATE CODE: 01104A000
Credit: 0.5 Length: semester
Open to Grade(s): 11-12
Prerequisite: None
Dual Credit: Kasaskia College ENGL

This dual credit course is designed to introduce students to the elements of poetry, fiction and drama. Class work will include reading the work of established writers in at least three different genres, studying the craft of writing, and will involve considerable creative writing within and outside the boundaries of those genres. In addition, students will learn to critique their own work and the work of others by participating in writing workshops. Students will be introduced to markets for creative writing and will be encouraged to submit some work for publication. Students are required to submit a piece of writing to the SCHS publication, Thoughtwell.

YEARBOOK EXPERIENCE
ILLINOIS STATE CODE: 11104A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Advisor approval (must submit application)

This is a course dedicated to the production of the school's yearbook. The Salemarion yearbook program is an award winning program dedicated to creating a high quality, eye-catching yearbook. Students must devote one period a day plus any additional time needed in order to meet deadlines. This class focuses on technology, the use of online design, and other programs such as Photoshop. Students work with the basic principles of layout, design, photography, and yearbook copy. It provides extensive business and journalism experience.

YOUNG ADULT LITERATURE
ILLINOIS STATE CODE: 01061A000
Credit: 0.5 Length: Semester
Open to Grade(s): 10-12
Prerequisite: B or higher in English or teacher recommendation

This is a semester-long elective course designed to increase student understanding of young adult representation in literature published within the 21st century. Through close reading and discussion, students will explore trends in recently published young adult literature. Topics of focus will include but not be limited to advocacy, mental health, friendship, and sports. Students will exercise critical analysis skills to determine how well today's young adults are being represented in the literary canon. Texts will be explored in whole class, small group, and individual formats. This course is designed to provide students with a working knowledge of modern young adult literature while providing the opportunity to celebrate and critique the literature that is defining their generation

SENIOR HONORS ENGL-101 ENGLISH COMPOSITION
ILLINOIS STATE CODE: 01004A000
Credit: .05 Length: semester
Open to Grade(s): 12
Prerequisite: ACT English Score 18+
KC English Placement Test
Dual Credit: Kaskaskia College:
ENGL 101 English Composition (3 credit hours)

This DUAL CREDIT semester course focuses on expository writing in various rhetorical modes and includes basic grammar review. All aspects of the formal essay are stressed: introduction, thesis sentence, supporting paragraphs, organization, unity and conclusion. Each student will write approximately 4000+ words in a semester.

SENIOR HONORS ENGL-102 ENGLISH COMPOSITION
ILLINOIS STATE CODE: 01004A000
Credit: .05 Length: semester
Open to Grade(s): 12
Prerequisite: Completion of **SENIOR HONORS ENGL-101 ENGLISH COMPOSITION** with a C or better
Dual Credit: Kaskaskia College
ENGL 102 English Composition (3 credit hours)

This DUAL CREDIT semester course focuses on argumentative writing and the accompanying skills of research and analysis. Students will learn how to locate and use sources correctly, how to identify and discuss others' arguments, and how to construct and present their own arguments. A major component of the course (worth 60% of the final course grade) are 2 research papers, with a multisource argumentative essay of at least 2500 words.

TRANSITIONAL ENGLISH 4
ILLINOIS STATE CODE: 01004A001
Credit: 1.0 Length: year
Open to Grade(s): 12

The student has already met the high school graduation requirements for the English course framework designed to prepare and transition students directly into college and career pathways requiring general education college-level English competencies. The competencies within each domain should include but are not limited to three areas: **reading** (active reading strategies, summarization of a text, analysis, and interpretation of texts), **writing** (identification of and writing processes based on audience, purpose, and task, incorporation and documentation of relevant information), and **critical thinking** and **analysis** (credibility and reliability of evidence, engagement with evidence, information literacy skills). This course integrates reading, critical thinking, analysis, and writing to enhance students' transition to post-secondary coursework. Students write paragraphs, essays, and research papers using an appropriate citation format and cover all genres of literature: nonfiction, novels, short stories, poetry, and drama. Students will cultivate meta-cognitive skills and essential employability skills through projects like mock interviews and resume writing. Upon completion, students should demonstrate proficiency and understanding in basic English skills associated with reading, writing, critical thinking, and analysis, as well as the general English competencies required for career and readiness skills as necessary for college and the workplace.

FAMILY & CONSUMER SCIENCE

Freshman
Orientation to Family & Consumer Science
Foods & Nutrition I
Clothing & Textiles I

Sophomore
Orientation to Family & Consumer Science
Foods & Nutrition I & II
Clothing & Textiles I & II
Child Development
Parenting
Housing and Interior Design

Junior
Orientation to Family & Consumer Science
Foods & Nutrition I, II, III, IV
Advanced Culinary Arts
Clothing & Textiles I, II, III
Child Development
Parenting
Housing and Interior Design

Senior
Foods & Nutrition I, II, III, IV
Clothing & Textiles I, II, III
Advanced Culinary Arts
Child Development
Parenting
Housing and Interior Design
Adult Living
Resource Management
Cooperative Education

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.

FAMILY & CONSUMER SCIENCES

Orientation to Family & Consumer Sciences

Foods & Nutrition I	Food & Nutrition II
Foods & Nutrition III	Foods & Nutrition IV
Advanced Culinary Arts	Clothing & Textiles I
Clothing & Textiles II	Clothing & Textiles III
Housing & Interior Design	Adult Living
Child Development	Parenting
Resource Management	Cooperative Education

ORIENTATION TO FAMILY & CONSUMER SCIENCES
ILLINOIS STATE CODE: 19251A002

Credit: 0.5 Length: semester
Open to Grade(s): 9-11
Prerequisite: None (orientation level)

Learning experiences in this course are designed to introduce students to all the areas related to Family and Consumer Science and present basic instruction in these areas:

- Personal and family relationships
- Communication, personality development, stress management
- Resource management
- Child development & Parenting skills
- Foods and nutrition
- Clothing and textiles
- Housing and interior decorating
- Career decisions

FOODS & NUTRITION I
ILLINOIS STATE CODE: 16054A001
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None

This "how to" course will provide students with classroom and lab experiences in basic food preparation and applied nutrition. Areas of study will include:

- Kitchen safety and sanitation procedures
- Using recipes and understanding cooking terms
- Measuring equipment and techniques
- Identifying and using kitchen tools and appliances
- Heat transfer and cooking methods
- Nutrition
- Baking
- Food preparation with fresh ingredients and from scratch cooking

The basic goal of this class is to teach students the skills necessary to prepare nutritious, quality meals. The course will be taught using various means of instruction such as demonstrations, food preparation labs, and a variety of learning strategies.

FOODS & NUTRITION II
ILLINOIS STATE CODE: 16054A002
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Foods & Nutrition I or permission of Instructor and Principal
Dual Credit: Kaskaskia College:
CULI 102 Food Sanitation & Safety (3 credit hours)

This intermediate course in culinary arts will continue to develop the knowledge and skills began in Foods and Nutrition 1. Areas of study will include:

- Preparing seasonal vegetable and fruit dishes and desserts
- Knife Skills
- Yeast bread preparation from scratch
- Preparing soups and sauces from scratch
- Pasta, casserole, and meat cookery
- Special Event food preparation
- Food Ethics
- Careers in food service, World Famous Chef's and Food Artisans

Throughout this class, students will work on developing more advanced cooking skills to assist them in being competent in the kitchen. The focus of the course will be on culinary techniques to advance their practical kitchen skills. Students will do a variety of food preparation labs and projects. This is a hands-on orientated course.

FOODS & NUTRITION III
ILLINOIS STATE CODE: 16052A001
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Foods & Nutrition I and II or permission of Instructor and Principal
Grade C or above in Foods & Nutrition I & II

This course in culinary arts will further expand the knowledge and skills gained in Food and Nutrition I and II. Areas of study include:

- Review of safety and sanitation procedures
- Using specialty kitchen tools and equipment
- Food preparation with fresh ingredients and from scratch cooking
- Preparing seasonal vegetable and fruit dishes and desserts
- Preparing salads and salad dressings
- Meat cookery-Chicken, Beef, Pork
- Kitchen Staples & Pantry Cooking
- Meal service and menu planning

The overall intent of the course is to prepare the student with the basic skills needed to handle an entry level job in the food service area, enter a college food service program or to enrich the student's knowledge and appreciation of well prepared, attractively served food for their own personal needs. Students will assist catering school related events. There may be field trips to food service establishments and visits from resource people in the community.

FOODS & NUTRITION IV
ILLINOIS STATE CODE: 16052A001
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Foods & Nutrition I, II, and III or permission of Instructor or Principal
Grade of C or above in Foods & Nutrition I, II, or III
Dual Credit: Kaskaskia College:
CULI 101 Basic Food Service (3 credit hours)

This advanced course in culinary arts will further expand the knowledge and skills gained in Foods and Nutrition I, II and III. Areas of study will include:

- Review of safety and sanitation procedures
- Using specialty kitchen tools and equipment
- Food preparation with fresh ingredients and from scratch cooking
- Use of herbs and spices in cooking
- Preparing appetizers and hors d'oeuvres
- Creating specialty desserts and bake shop techniques
- Cheese
- Chocolate
- International foods
- Commercial Food Service techniques
- Nutrition—Fad diets vs. Healthy Habits

ADVANCED CULINARY ARTS
ILLINOIS STATE CODE: 16052A001

Credit: 1.0 Length:	year
Open to Grade(s):	11-12
Prerequisite:	Foods & Nutrition I, II, III, IV or permission of Instructor or Principal Grade of C or above in Foods & Nutrition I, II, III, IV
Dual Credit:	Kaskaskia College: CULI 103 (4 credit hours)

This advanced course in culinary arts will further expand the knowledge and skills gained in Foods and Nutrition I, II, III and IV. Areas of study will include:

- Review of safety and sanitation procedures
- Using specialty kitchen tools and equipment
- Nutrition – Nutrient dense food
- Food preparation with fresh ingredients and from scratch cooking
- Food preservation techniques
- Meal service and menu planning
- Party Planning and Buffet Service
- Table Setting and Table Scape
- Dairy Cookery/Nutrient content
- Egg Cookery/Breakfast/Brunch Options
- Sandwiches/Soup/Salad/Lunch Options
- Casseroles/Dinner Options
- Charcuterie
- Custards, Creams, Frozen Desserts, Sauces
- Pies & Pastries
- Advanced baking techniques-Souffles, Mousse, Angel Food & specialty desserts
- Cake decorating
- Community Services through Food Service
- Commercial Cooking and Catering
- Food Service Careers and Skills

CLOTHING & TEXTILES I
ILLINOIS STATE CODE: 19201A001
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None

This course is designed to give students a basic understanding of how to select and sew clothing and accessories. Topics covered will include:

- History of fashion
- Understanding fashion vs. fad
- Choosing attractive clothing for personal use
- Selecting and using patterns
- Identifying different fabric types and their quality
- Working with small sewing equipment
- Using a sewing machine
- Performing basic sewing techniques
- Caring for clothing/making repairs and alterations

Students will work at their own levels to construct a minimum of two sewing construction projects during the semester. **No prior sewing experience is required!**

CLOTHING & TEXTILES II
ILLINOIS STATE CODE: 19203A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: Clothing & Textiles I or permission of Instructor and Principal

This course is designed to further the knowledge gained in Clothing and Textiles I and to learn new skills as they apply to constructing, purchasing and caring for clothing, accessories and textile products used for home décor. Area of study will include:

- History of fashion
- Application of design principles in fashion
- Fitting techniques
- Identification and properties of textiles
- Intermediate sewing skills
- Reuse or upcycling of garments and materials
- Comparison shopping for clothing and accessories
- Construction of textile products used in the home
- Fashion merchandising techniques
- Caring for clothing/making repairs and alterations
- Career opportunities in the field of clothing and textiles

Throughout the semester students will construct a minimum of three projects to enhance their construction skills. Students will also explore fashion and it's merchandising. Upcycling fabrics for a variety of commercial and personal needs.

CLOTHING & TEXTILES III
ILLINOIS STATE CODE: 19203A001
Credit: 0.5 Length: semester
Open to Grade(s): 11-12
Prerequisite: Clothing & Textiles I & II or permission of Instructor or Principal
Grade of C or above in Clothing & Textiles I, & II

This advanced course in sewing construction will further expand the knowledge and skill gained in Clothing & Textiles I & II. Areas of study will include:

- Brief history famous designers and popular designs
- Advanced fitting techniques
- Advanced sewing techniques
- Reuse or upcycling of garments and materials
- Some costuming techniques
- Advanced clothing construction skills

Students in this course will create, mend, and reuse materials to construct garments, costumes, home décor and many other sewing construction projects. This course will prepare students for entry level clothing construction jobs, entering a post-secondary program in fashion, design or clothing construction or enrich the student's knowledge and appreciation of sewing construction for their own personal needs. Student will construct a variety of projects in this course.

CHILD DEVELOPMENT
ILLINOIS STATE CODE: 19052A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: None
Dual Credit: Kaskaskia College:
ECES 111 Intro to Child Development
(3 credit hours)

This course will be helpful whether you become a parent, work in a child-related field, or just spend time with children occasionally. By studying the child the student is better able to understand himself/herself. Areas of study include:

- Why we study children
- Theories in child development
- Brain development of children
- Family types and functions
- Guidance and discipline
- Preparing for parenthood
- Pregnancy and birth
- Prenatal care (care of mother and baby during pregnancy)
- Postnatal care (care of the baby after birth)
- Health and safety of children

This course is designed to enhance the student's knowledge of children, pregnancy, birth and care of the child. This course is a prerequisite for the Parenting course.

PARENTING
ILLINOIS STATE CODE: 19051A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: Child Development or permission of Instructor and Principal
Dual Credit: Kaskaskia College:
ECES 101Prin/Practice of Early Childhood
(3 credit hours)

This course will enable the students to become aware of choices and preparation involved in becoming a parent. The course will include a study of:

- Working with young children
- Early Childhood Lesson planning and development
- Preparing for parenthood
- Intellectual, physical, social and emotional development of children
- Infant, toddler and preschooler development
- Parenting Styles
- Guidance and discipline techniques
- Children with developmental differences
- Child abuse and neglect
- Health and safety of children

On Fridays the students will direct activities for children who attend the SCHS preschool. The activities will include stories, lessons, songs, creative activities, games and refreshments. This course is designed to allow students the opportunity to apply what they are learning in a hands on practical environment. Students will complete a variety of projects that will enhance their knowledge of children and working with them effectively.

HOUSING AND INTERIOR DESIGN
ILLINOIS STATE CODE: 05193A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: None

Learning experiences in this course are designed to provide students with the basic knowledge and skills needed to design, purchase, decorate and maintain a home. The course will include a study of

- Choosing a home to meet individual needs
- Exterior home design, past and present
- Interpreting floor plans and construction drawings
- Principles and elements of design as they relate to interiors
- Application of color in interior spaces
- Selection and treatment of windows, doors, walls, floors, ceilings
- Careers in the housing industry

This is a "hands on" class will provide students with practical and useful information and experiences. A variety of teaching techniques will be applied as well as consultations with resource persons and field trips to area sites. The class includes a final decorating project where the concepts learned in class will be applied to reflect personal creativity.

ADULT LIVING
ILLINOIS STATE CODE: 19259A001
Credit: 0.5 Length: semester
Open to Grade(s): 11-12
Prerequisite: None

This course is designed to help students understand themselves and assume their roles and responsibilities in the adult world. It deals with many facets of human development and interpersonal relationships in adult and family living. Areas of study include:

- Self concept and development of personality
- Identification of values, goals and standards
- Interpersonal communication skills
- Effective peer and family relationships
- Financial Literacy
- Decision-making as it relates to such issues as alcohol, tobacco, drugs, and sexuality
- Responsibilities of marriage and parenthood
- Coping with crisis in family life

This course will help prepare students for many of the challenges they will meet in the future. The students will participate in the Real Care Baby Program.

COOPERATIVE EDUCATION (CO-OP)
ILLINOIS STATE CODE: 12098A002
Credit: 3.0 Length: year
Note: 3 period class
Open to Grade(s): 12
Prerequisite: Permission of Instructor or Principal
Students complete an application to a be accepted into the program.

Seniors who meet existing criteria may apply to participate in the Cooperative Education Program. The Cooperative Education Program provides students the opportunity to gain a greater understanding of their desired career and apply these objectives to real life work experiences within the student's career interest area.

Through CO-OP, students with specific career objectives are matched with a related employment experience. They will attend career-oriented planned periods of related classroom instruction at the school. Planned periods are limited so most instruction will be gained through the work environment.

An application must be obtained and completed before a student may sign up for this course of study. It is the student's responsibility to have a potential job lead in order to be considered for the program. Students must be employed within an area that pertains to their career interest. A waiting list will be kept for prospective students.

Art 1, 2, 3, 4	Fine Crafts Studio
3D-Design	
Digital Photography	Advanced Digital Photo
Music Technology I	Music Technology II
Guitar I	Guitar II
Concert Choir	Concert Band
Rock Band 101	Percussion Ensemble

ART 1
ILLINOIS STATE CODE: 05154A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None (orientation level)

This is a coursed designed to help develop basic art skills and knowledge. Students will learn the elements and principles of design, as well as how to see more details and use higher order thinking. This class focuses on the use of pencil for most projects. Students will also explore artists and visual art themes from the past and present.

ART 2
ILLINOIS STATE CODE: 05155A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Art 1

This course is a continuation of ART 1. Students will review the elements and principles of design with several projects during the first semester. This course will still be solely focused on the use of pencil. In second semester, students will learn about the human anatomy and how to draw figures and faces.

ART 3
ILLINOIS STATE CODE: 05155A000
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: Art 2 or approval of Art instructor

In this art course, students will begin to learn about color theory. In the first semester, projects will be drawings that focus on how to manipulate color, as well as how to enhance their colored pencils skills. During the second semester, students will be introduced to the colorful world of painting with acrylics.

ART 4
ILLINOIS STATE CODE: 05155A00
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Art 3 or approval of Art instructor

This course is for advanced art students. To help ready students for the next level, they will be introduced to a studio like environment with guidance from the instructor. Students will be encouraged to explore and discover various types of mediums and to further grow their knowledge and skills. In both semesters, students will be required to understand how to complete a project through the concept, planning, draft and finishing stages.

3-D DESIGN
ILLINOIS STATE CODE: 05158A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None

This course presents the opportunity to explore the world of design using art that involves shapes, form and texture to express ideas. Students will be using numerous forms of sculpture techniques and materials. Projects are designed to promote creativity and artistic problem solving skills.

DIGITAL PHOTOGRAPHY
ILLINOIS STATE CODE: 05167A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None

Basic photography concepts will be introduced with emphasis on the elements and principles of design. Students will learn aspects of digital photography from image capture and scanning to image retouching, and finally printing. Students will study the basic knowledge and history of photography and will also be introduced to Photoshop.

ADVANCED DIGITAL PHOTOGRAPHY
ILLINOIS STATE CODE: 05167A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Digital Photography (B- or above)

Students taking this class will have special curriculum and instruction that will focus more on skills for the kind of photography they choose to specialize in, e.i. landscape, portraiture, sports, still life, etc. Each student will be given their own individual assignments. It is highly encouraged to use a DSLR camera.

FINE CRAFT STUDIO
ILLINOIS STATE CODE: 05165A000
Credits: 0.5 Length: Semester
Open to Grade(s) 9-12
Prerequisite: None
Art Fee: $10

Craft courses help students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. Students may explore types of folk art and the materials and ways in which objects have been created for the practical, religious, spiritual, and cultural needs of people around the world. These courses may survey a wide range of crafts or focus on only one type of craft; some possibilities include sign making, creation of advertising media using web-based, widely used design tools (i.e. Adobe Express and/or Canva with the use of AI tools like Midjourney), knitting, crocheting, paper-making, cyanotype printing, and others. These courses may also explore aesthetic issues surrounding folk art and its artists, engaging in critiques of this authentic art form.

MUSIC TECHNOLOGY I
ILLINOIS STATE CODE: 05124A000
Credits: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None

This class is an introductory course in the principles of audio and sound production using Garageband for iMac. Topics include but not limited to: sound waves, acoustics, loops and song creation using multiple digital audio formats, and basic MIDI concepts. Emphasis is on music creation, editing and arranging. No prior experience with computers or music is needed.

MUSIC TECHNOLOGY II
ILLINOIS STATE CODE: 05124A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Music Technology I

This class will build upon the topics covered in The Technology of Music I, with a particular emphasis on music creation. Projects will range from re-mixing pre-existing sound clips, using software to compose or edit pieces of music, recording live sound sources, creating background music for a scene from a movie, and creating a music video.

PIANO LAB I
ILLINOIS STATE CODE: 05107A000
Credits: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite None

Welcome to Piano Lab! The Piano Lab class is a self-paced class designed for students who are either seeking to start learning the piano OR who are seeking to build upon previously learned skills and abilities. Students will also engage in the study of music theory and music history. Students will progress at their own pace, with guidance from their instructor and the self-paced app Playground Sessions.

GUITAR I
ILLINOIS STATE CODE: 051108A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: None

Guitar is a one-semester course covering the basics of the instrument and an application of essential music fundamentals. Students will learn the basics of playing guitar at a beginning level, studying music notation, chord symbols, tablature and peer modeling. They will also use learning tools such as Rocksmith, Fender Play, and Garageband for iPad, to enhance performance on guitar.

The main objective of this course is to create an enhanced appreciation for music through playing the guitar. Students will also gain a better understanding of many different musical genres including classical, flamenco, jazz, rock and pop music. A brief history of the guitar along with a study of its respective musical styles will also be covered.

GUITAR II
ILLINOIS STATE CODE: 05108A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12
Prerequisite: Guitar I*

Guitar II builds on the fundamentals of Guitar I using the same step-by-step interactive approach. Chord styling is developed by learning solo and ensemble music. The style of the music ranges from Blues to Vivaldi including "Pop Melodies" utilizing Fender Play. Includes ensemble pieces, solos, chords and arpeggios.

**Note: If you have played the guitar and have not had any formal training that includes reading standard notation on the guitar or right hand fingerstyle techniques, you must enroll in Guitar I. If you can assimilate the material in Book I, you may take Guitar II with the approval of the instructor.*

ROCK BAND 101
ILLINOIS STATE CODE: 05106A000
Credits: 1 Length: Year
Open to Grade(s) 10-12
Prerequisite: Audition

Rock 101 is a class that meets every day. It is an auditioned group that generally consists of a singer(s), guitars, bass, drummer, and keyboard player. Students learn and perform songs in various styles of rock. They also learn about the history and progression of rock, as well as some of the note-worthy musicians. Performances may include Tailgates, Pep Assemblies, Basketball Games, Public Concert Events, Prom etc. To enroll in the class for the Fall you must Audition in the Spring Semester. We will enroll 1-3 singers, 2-3 Guitarists, 1-2 Bass Guitar Players, 1-2 Percussionists/Drum set and 1-2 Keyboard/Piano Players. (9th grade exceptions can be made based on playing abilities. This will be done on a case by case basis)

CONCERT CHOIR
ILLINOIS STATE CODE: 05110A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

The Concert Choir is an ensemble that sings standard choral literature from all the major style periods. Students are required to attend concerts in order to receive credit.

CONCERT BAND
ILLINOIS STATE CODE: 05102A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

All concert band members are required to participate in marching band, pep band, and concert band activities. These activities include (but are not limited to) Monday or Thursday evening rehearsals during marching season and weekend performances throughout the year. In addition, students are expected to attend Marching Band Camp, which will be held during the end of the summer, usually the week before registration, in addition to various other summer rehearsals. During this time students are given intensive instruction in the fundamentals of marching, drill reading and musicianship, as well as learning about 50% of the field show. Percussionists will also attend a one week percussion camp at SCHS in the summer, usually held the week before band camp.

In addition, the following activities are available to students on an auditioned basis:

1. Jazz Band & Jazz Combo
2. Solo and Ensemble Contest
3. IMEA District and State Festivals
4. Various other honor bands and festivals

Students who expect to participate in Concert Band should be enrolled by March 1st of the previous school year so that necessary plans for the following fall can be made. Any questions should be directed to the band office. Tentative calendars for the following fall will be available in the band office in the spring.

PERCUSSION ENSEMBLE
ILLINOIS STATE CODE: 05106A000
Credits: 1 Length: year
Open to Grade(s) 9-12
Prerequisite: None

The Percussion Ensemble includes students from all grade levels who play percussion. The class meets every day, and like the Concert Band rehearses marching band until October, then switches to concert and percussion ensemble music in November. The Percussion Ensemble is
part of the Marching Wildcats and Concert Band.

GENERAL STUDIES

General Studies English I,II,III,IV	General Studies Literature
General Studies Life Skills Math	General Studies Math 1,2,3,4
General Studies Science I	General Studies Earth Science
General Studies U.S. History	General Studies World History
General Studies Civics	General Studies Health
General Studies Adult Living	General Studies Consumer Ed
General Studies Resource	General Studies Independent Study
General Studies Music	

GENERAL STUDIES ENGLISH I, II, III, IV
ILLINOIS STATE CODES: 01101A000, 01052A000, 1102A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

These are combined courses consisting of reading, spelling, writing, listening, and speaking. High interest materials which pertain to life and problems in our society are used to promote confidence and success. Students work at their level of ability. Course goals include the following:

- Helping students acquire a broader vocabulary
- Teaching basic writing skills
- Teaching students how to better comprehend written work
- Developing basic skills for every day living

GENERAL STUDIES LITERATURE
ILLINOIS STATE CODE: 01102A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12
Prerequisite: Completion or concurrent enrollment in GS English 4 and/or teacher recommendation.

This course is an introduction to literature from a variety of genres including, but not limited to novels dramas, short stories and oral readings. Studies will include:

- An Emphasis on vocabulary
- Group and individualized reading
- Language study, literary analysis, and critical thinking
- Basic essay and personal writing
- Various forms of presentation to demonstrate understanding

GENERAL STUDIES LIFE SKILLS MATH
ILLINOIS STATE CODE: 02002A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

This course will provide basic math and life skills to students in a meaningful way that will allow them to generalize this knowledge to real life situations. This course will allow students to work at their individual ability level, focusing on functional math skills that will be practical and useful for future living. Skills covered in this class will include:

- Money
- Time
- Basic computation skills
- Personal Information
- Multiplication facts
- "Recipe" math
- "Shopping" math
- Following instruction activities

GENERAL STUDIES MATH 1
ILLINOIS STATE CODE: 02002A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

Students in this course will learn and work on basic math concepts they will need for future life and job situations. Skills covered in this class include:

- Money
- Time
- Types of measurements
- Basic computation skills
- Use of a calculator
- Basic fractions
- Reading charts and graphs

GENERAL STUDIES MATH 2
ILLINOIS STATE CODE: 02051A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

Students in this course will use a computer-based program to increase math computation and comprehension skills. The computer-based program allows students to work independently at their own level and pace with the assistance of staff and is aligned with Common Core Standards. Components of this course include:

- Simple operations such as addition, subtraction, multiplication, division
- Mastery of terms and operations in order to solve high order word problems
- Measurement
- Basic geometric principles
- Understanding of basic fractions

GENERAL STUDIES MATH 3
ILLINOIS STATE CODE:02051A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

This course is designed for students that demonstrate a skill level above basic math, yet still work at a low or below average range. Students participate in a computer-based training program that allows them to work individually, receive staff assistance, and earn rewards for completed skills. Components of the course include:

- Extended knowledge and use of fractions
- Solving simple equations and word problems
- Relationships and properties of geometric figures
- Reading and interpreting graphs
- Measurement conversion

GENERAL STUDIES MATH 4
ILLINOIS STATE CODE: 02051A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

This course is designed for student who struggle to keep up with the pace in Algebra class due to academic and/or behavioral deficits. Student participate in a computer-based training program that allows them to work individually at their own pace, received staff assistance, and earn rewards for completed skills. Components of the course include:

- Positive reinforcement
- Group contingencies
- Utilizing formulas to solve for geometric shapes
- Standard and metric measurement conversion
- Appling basic skills in real life multi-step problems
- Problem solving

GENERAL STUDIES SCIENCE I
ILLINOIS STATE CODE: 03999A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 10

Science will introduce students to basic scientific facts and principles. It is a course designed with modified curriculum to meet the needs of learners on an individual basis. Basic studies of life, physical and earth science include:

- Characteristics of living organisms
- Evolution
- The Human body systems
- Healthy living
- Weather and climate
- Characteristics of the Earth

GENERAL STUDIES EARTH SCIENCE
ILLLINOIS STATE CODE: 03001A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

Earth Science is the study of the earth, planets, elements, oceans, and climates. It is a course designed with modified curriculum to meet the needs of learners on an individual basis. Topics studied in earth science include:

- Features of the earth
- The earth and moon system
- The solar system
- Stars and galaxies
- Weathering, climate, and erosion
- Forces in the earth
- Earth's history

GENERAL STUDIES U.S. HISTORY
ILLINOIS STATE CODE: 04101A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 11 - 12
Prerequisite: At least Junior standing

This is a course of U.S. History from the age of exploration to the present. It is designed to help the student better understand our heritage. This is a high interest, low level achievement class with short assignments for short attention spans. Components of the class include:

- Learning map skills through different eras of history
- Matching prominent men and women of U.S. History with the appropriate era
- Using different forms for presentations such as writing, drawing, etc., to demonstrate understanding of concepts

GENERAL STUDIES WORLD HISTORY
ILLINOIS STATE CODE: 04001A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 or 10

This is a course of World History covering many eras and places throughout time. It is designed to help students understand the historical moments that forged our world in which we live in today. This would include the geography of the world, ancient civilization, and the historical figures. Components of the class include:

- Learning map skills through different eras in World History
- Matching the men and women of World History
- Understanding how resources and landforms of an area affect its economy
- Developing an understanding of the landforms and cultures of the major countries of the world

GENERAL STUDIES CIVICS
ILLINOIS STATE CODE: 04151A000
Credit: 0.5 Length: semester
Open to Grade(s): General Studies students - 11 or 12
Prerequisite: At Least Junior Standing

This is a course designed to meet the state requirement to pass the U.S. Constitution and Illinois tests. Basic federal, state, and local government fundamentals are discussed. Included in the study are:

- The three branches of government
- The law-making process
- The rights and responsibilities of the U.S. citizen
- How government on all levels affects our daily lives

GENERAL STUDIES HEALTH
ILLINOIS STATE CODE: 08051A000
Credit: 0.5 Length: semester
Open to Grade(s): General Studies students 9-10

This course is required for graduation and is usually taken during the freshman year. It includes a study of addiction to alcohol, tobacco, drugs, and narcotics, basic first aid, nutrition, and physical and mental growth and development as well as communicable diseases. Facts, attitudes, and practices that are needed to maintain not only an individual's health but also that of their family and community are presented. Course goals include the following:

- Becoming familiar with basic first aid
- Developing an understanding of addiction to alcohol, tobacco, drugs and narcotics
- Becoming familiar with basic nutrition
- Becoming familiar with physical, mental, and social development
- Becoming familiar with basic facts concerning communicable diseases

GENERAL STUDIES ADULT LIVING
ILLINOIS STATE CODE: 19257A000
Credit: 0.5 Length: semester
Open to Grade(s): General Studies students 9-12

This course is designed to help students understand themselves and their roles and responsibilities in the adult world. Topics will cover a wide variety of information pertinent to daily living situations and scenarios. Emphasis will be place on basic home maintenance, vocational skills and daily living skills. Budgeting, grocery shopping, banking and other money management skills will also be covered

GENERAL STUDIES CONSUMER EDUCATION
ILLINOIS STATE CODE: 22152A000
Credit: 0.5 Length: semester
Open to Grade(s): General Studies students 10-11

This course is required of all General Studies students who plan to enroll in the Wildcat Work Study Program during their senior year. The course is designed to familiarize students with all areas of the employment experience, including completion of applications, resume design and understanding benefit programs offered by employers. Students will participate in mock interview situations, complete sample tax and insurance forms and learn about problem-solving skills needed to be successful in any work environment

GENERAL STUDIES RESOURCE
ILLINOIS STATE CODE: 22005A000
Credit: .250 Length: year
Open to Grade(s): General Studies students 9 - 12

The resource class provides supportive services to General Studies students who are primarily enrolled in mainstream classes as well as those enrolled in General Studies classes. The students receive help on specific class work on a daily basis. The class enables the students to receive help in completing and understanding assignments and studying for tests as well as receiving remedial help in reading, math, and study skills. The following will be stressed:

- Writing daily assignments for each class in planner
- Completing all homework
- Informing resource teacher of upcoming test and/or project due dates
- Using appropriate study skills

GENERAL STUDIES INDEPENDENT STUDY
Credit: 0.25 Length: semester
Open to Grade(s): General Studies students 9 - 12

This course is designed for students in the General Studies Department. It gives the student an opportunity to work on required subject areas for graduation purposes. The course work is completed during study hall time and/or at home. Independent study course work is designed, monitored, and credit is given by the Department Coordinator. Course goals include the following:

- Complete required subject materials for graduation purposes
- Develop an understanding of required subject materials and information for graduation purposes

GENERAL STUDIES MUSIC
ILLINOIS STATE CODE: 05149A000
Credit: 1.0 Length: year
Open to Grade(s): General Studies students 9 - 12

Students are encouraged to find songs of their interest on their iPads for the class to listen to and watch on a big screen. Students are encouraged to sing along and occasional musicals are shown.

TLC English
TLC Intro Work
TLC Life Skills
TLC Social Studies
TLC Math
Adapted Physical Education

TLC English
Illinois State Code: 01009A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

Students are given short stories or paragraphs to read with help as needed with a few comprehension questions close to their reading level. Students are given weekly words to write sentences and test over at the end of the week. Writing is encouraged through spelling sentences, writing words and sentences from their reading, drawing with sentences, and paragraph writing, depending on each student's level. ABA/PEAK programs will be administered to students that need more direct training.

TLC Social Studies
Illinois State Code: 04439A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

For students with reading ability, Early American History, 19th Century History and 20th Century History stories are used at a low reading level with short answer questions. The class reads and discusses the topics as a group. Lower reading level students work on the understanding of community, the environment and self. Other sources have been mapping skills and learning about the US States.

TLC Intro Work
Illinois State Code: 22998A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

In the 1st semester, students are introduced to work-related terms, how to look for a job, filling out job applications and job interviews. During the 2nd semester, the emphasis is on getting the job and what needs to be done to keep the job. Lower-level students work on knowing their personal information, cleaning skills, following directions, working with others and learning about workers in the community.

TLC MATH
ILLINOIS STATE CODE: 02039A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

Students work on skills according to their level. Some of these skills are counting, understanding amounts, writing numbers, adding and subtracting with and without manipulatives, patterns, graphing, money skills, telling time on a clock and multiplications skills. The ABA/PEAK program will be administered to students that need more direct training.

TLC LIFE SKILLS
ILLINOIS STATE CODE: 19257A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

In the Life Skills class, students are encouraged to assist with cooking activities, such as identifying needed ingredients/cooking supplies, measuring, stirring and reading recipes and directions. Students read and answer questions on worksheets such as labels and packages, directories and guides and filling out forms. Students also assist with cleaning the classroom, dishes and laundry as needed. Students have also used a bank register to keep track of money (deposits and withdrawals). Students have worked on identifying survival signs, safety, community resources and knowing community workers. Students take turns weekly going to Walmart. They assist with locating items that ere needed for the classroom cooking activities and other classroom supplies.

ADAPTED PHYSICAL EDUCATION
ILLINOIS STATE CODE: 08001A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12

This course provides physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

INTRODUCTION TO HEALTH OCCUPATIONS
ILLINOIS STATE CODE: 14001A001
Credit: 0.5 Length: semester
Open to Grade(s): 10-12
Prerequisite: None
Dual Credit: Kaskaskia College
MEDT 104 Medical Terminology (1 credit hour)
HLSK 110 Introduction to Health Careers
(1 credit hour)

This course is a prerequisite for the Nurse Assistant Class and introduces students to various health occupations. This includes the history of medicine, basic anatomy and physiology including body systems, growth and development, nutrition, CPR and first aid, medical terminology, vital signs, infection control, body mechanics, communication skills and career planning. This class would allow students to further develop his/her interest in the health field and prepare for possible career choices.

NURSE ASSISTANT
ILLINOIS STATE CODE: 14051A001
Credit: 2.0 Length: year Note: 2 period class
Open to Grade(s): 12
Prerequisite: Introduction to Health Occupations
Dual Credit: Kaskaskia College
NAST 160 Nurse Assistant (7 credit hours)
HLSK 111 Intro to Healthcare Concepts
(1 credit hour) completed after CNA coursework
Note: There is a minimum 250 KC Placement
Test score required for dual credit.

The Nurse Assistant Program is made up of both subject matter and hands on experience designed to prepare the student to perform the skills involved in the personal care of the patient.

The program is certified by the Illinois Department of Public Health. Upon completion to the course, having met all the requirements of the class and after passing state testing, the student will be able to work as a certified nurse assistant. This test will cost the student a fee for the written exam. The competency test must be passed before the student can be placed on the Nurse Aide Registry for employment.

The class will include theory, lab, and clinical days at a local nursing home facility in rotation with Salem Township Hospital and local healthcare businesses.

NOTE: Students will be responsible for furnishing their own uniforms, watch, shoes, name tags, the state exam fee, TB test, flu shot, submit to weekly COVID testing as needed, and any other fees required.

Passing the Nursing Assistant program and the state testing, as well as Medical Terminology, are prerequisites for Kaskaskia College Nursing Program.

LABORATORY ASSISTANT/PHLEBOTOMIST
ILLINOIS STATE CODE: 14104A001

Credit: 0.5 Length: semester
Open to Grade(s): 11-12
Prerequisite: Introduction to Health Occupations

The phlebotomy program is a one-semester certificate designed to prepare students to work in the medical field as a phlebotomist. A phlebotomist is responsible for collecting blood specimens as ordered by a physician or other health care professional. The curriculum emphasizes practical hands-on learning experiences in the laboratory setting.

LANGUAGES

Spanish 1	Spanish 2	Spanish 3	Spanish 4

Studying a foreign language can be a rewarding experience. According to the Illinois State Board of Education, these are some of the benefits a student may realize from taking a foreign language.

1. Students who study another language score higher on basic skills such as reading and math.
2. Students who learn another language score significantly higher on the SAT and ACT.
3. Study of another language maintains and enhances critical listening skills.
4. Study of other languages and cultures upgrades cognitive skills and fosters adaptability in new situations.
5. Studying other languages improves the students' ability to use their own language and heightens their sensitivity to their own culture.
6. The integrated curriculum of foreign languages reinforces content from Social Studies, Fine Arts, Math, Science, Language Arts, and P.E./Health.
7. Students who study another language satisfy college requirements and may receive college credit for high school work.
8. Knowledge of another language is essential in over 600 occupations, from law enforcement to health care, from education to business, from vocational to technological fields.
9. Students who study other languages and cultures gain competence in working with diversity found in everything from their neighborhood to the World Wide Web.
10. Ability to use other languages allows students to communicate directly with speakers and writers of other languages.
11. All beginning students have the same opportunity to succeed in foreign language. No history of failures. Everybody is new to the subject.
12. A curriculum based on these realities will favorably impact the economic viability and social climate of a community.

SPANISH 1
ILLINOIS STATE CODE: 24052A000
Credit: 1.0 Length: year
Open to Grade(s): 9 - 12
Prerequisite: None

The first year in Spanish is filled with activities that encourage students to use the language to communicate. Students learn the basic skills of reading, writing, listening to, and speaking Spanish through the introduction of basic vocabulary and structures. The course is conducted in Spanish and participation in class is required. Cultural information is presented informally through discussion or the use of the Internet, film, audio, and reading.

SPANISH 2
ILLINOIS STATE CODE: 24053A000
Credit: 1.0 Length: year
Open to Grade(s): 10 - 12
Prerequisite: Spanish 1

This course builds on language acquired in level 1 to help students develop fluency in Spanish. By acquiring additional vocabulary and more complex grammatical structures, students will begin to feel able to use their language skills in a broader variety of situations. Although interpretive skills are still top priority, students will now be able to speak using the language we have acquired in the classroom and will be able to demonstrate higher proficiency. The course is conducted in Spanish to improve students' ability to use the language. Participation is an important part of the course and is expected from all students. Students will study culture through films, novels, and authentic materials from Spanish speaking countries.

SPANISH 3
ILLINOIS STATE CODE: 24054A000
Credit: 1.0 Length: year
Open to Grade(s): 11 - 12
Prerequisite: Spanish 2
Dual Credit: Kaskaskia College:
SPAN 101 Spanish I (4 credit hours)
SPAN 102 Spanish II (4 credit hours)

Offering 8 semester hours dual credit from Kaskaskia College, this course further expands the students' grasp of Spanish through review of vocabulary and structure, introduction of more complex grammatical structures, and reading and discussing both short stories and longer novels. It is expected at this level that students will use Spanish as the primary means of communication in the classroom. Students are graded more heavily on written and spoken language than on interpretive tasks like listening and reading. Cultural study includes analysis of literature, current events, and film. Units are designed to draw out students' opinions and introduce global perspectives.

SPANISH 4
ILLINOIS STATE CODE: 24055A000
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Spanish 3
Dual Credit: Kaskaskia College:
SPAN 203 (4 credit hours)
SPAN 204 (4 credit hours)

Offering 8 additional semester hours of dual credit from Kaskaskia College, this course is designed to improve students' overall proficiency in Spanish through review of vocabulary and structure, continued exposure to more complex grammatical forms, and extended reading of novels, Spanish literature, and print media. Students will work hard to improve both speaking and listening skills. Students will continue to study culture through films and current events. Cultural units include higher level discussion of historical and current events in Spanish-speaking countries.

MATHEMATICS

Freshman

Pre-Algebra
Algebra 1
Honors Algebra 1
(AP) Computer Science Principles

Sophomore

Math Essentials 1
Applied Geometry
Geometry
Honors Geometry
Computer Programming
(AP) Computer Science Principles

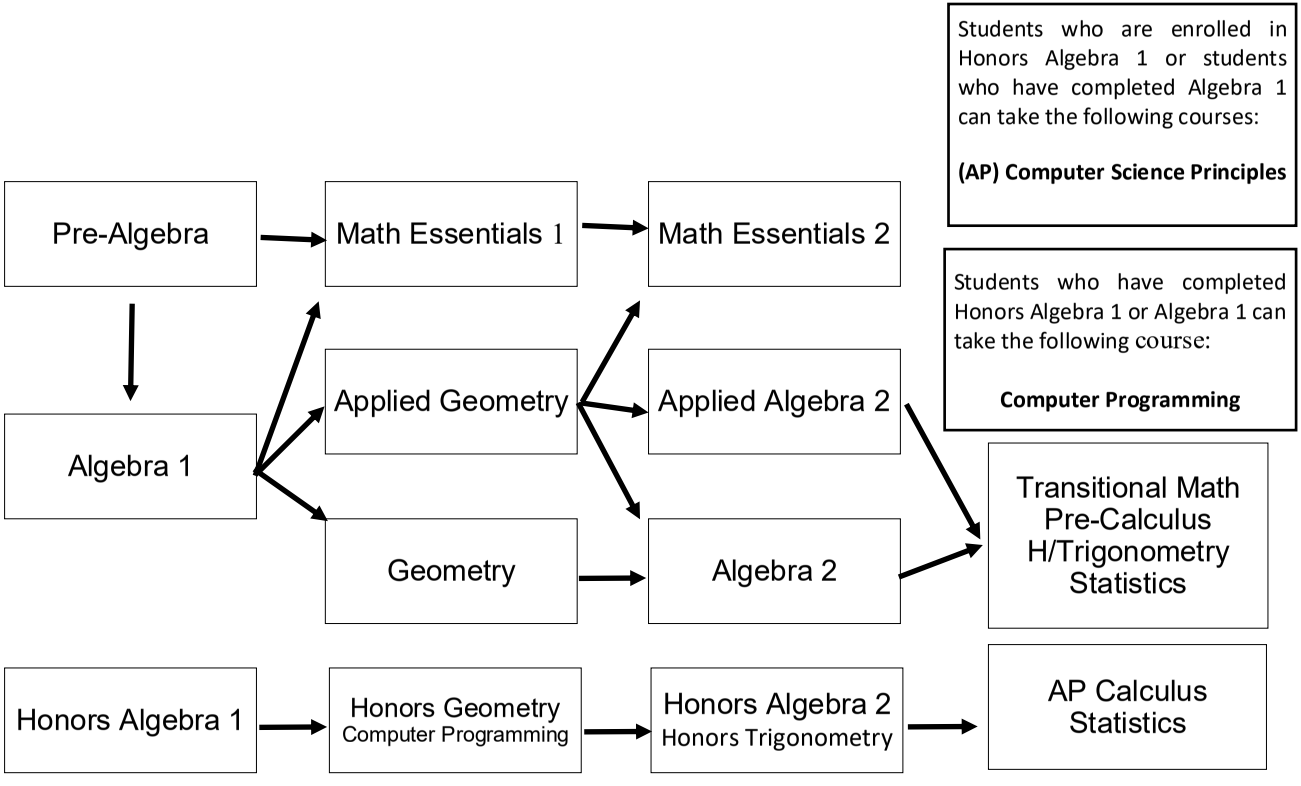
Junior

Math Essentials 1
Math Essentials 2
Applied Geometry
Applied Algebra 2
Geometry
Algebra 2
Honors Trigonometry
Honors Algebra 2
Computer Programming
(AP) Computer Science Principles

Senior

Math Essentials 2
Applied Algebra 2
Computer Programming
Algebra 2
Honors Trigonometry
Pre-Calculus
Statistics
AP Calculus
(AP) Computer Science Principles 1
Transitional Math

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.



Note: If a student moves up to an honors math class at any point, the student will be required to take Computer Programming Students in the honors math program must take Computer Programming during their sophomore or junior year.

MATHEMATICS

Pre-Algebra	Algebra 1	Honors Algebra 1
Math Essentials 1	Math Essentials 2	Applied Geometry
Geometry	Honors Geometry	Applied Algebra 2
Algebra 2	Honors Algebra 2	Pre-Calculus
Honors Trigonometry	AP Calculus	Statistics
Computer Programming	Transitional Math	(AP) Computer Science

PRE-ALGEBRA
ILLINOIS STATE CODE: 02051A000
Credit: 1.0 Length: year
Open to Grade(s): 9
Prerequisite: Teacher recommendation or placement test

This course is primarily for those students who had difficulty with mathematics in the elementary grades. The course uses classroom instruction and technology to master the basic mathematics concepts that are an essential part of everyday living. The course also provides students the background needed to continue on to Algebra 1. For NCAA compliance, a student enrolled in Pre-Algebra will be required to complete courses up through Algebra 2 or Applied Algebra 2.

ALGEBRA 1
ILLINOIS STATE CODE: 02052A000
Credit: 1.0 Length: year
Open to Grade(s): 9
Prerequisite: Teacher recommendation or placement test

Algebra 1 gives practice in solving and abstract thinking, and bridges the gap between arithmetic and higher mathematics. It will cover fundamental algebraic skills such as: operations of the real number system, algebraic expressions, translating word problems into euqations, modeling linear data, solving equations and inequalities, graphing, factoring, ratios and proportions, quadratic functions, basic probability and statistic concepts. This course also explores algebraic representation and related applications in the form of problem solving.

HONORS ALGEBRA 1
ILLINOIS STATE CODE: 02052A000
Credit: 1.0 Length: year
Open to Grade(s): 9
Prerequisite: Teacher recommendation or placement test

This is an accelerated course of study for those with the ability to work at a high level of mathematical achievement. It will cover fundamental algebraic skills such as: operation of signed numbers, algebraic expressions, solving equations and inequalities, graphing, factoring, ratios, and proportions, quadratic functions, basic probability and statistic concepts. This course also explores algebraic representation and related applications in the form of problem solving.

GEOMETRY
ILLINOIS STATE CODE: 02072A000
Credit: 1.0 Length: year
Open to Grade(s): 10
Prerequisite: Algebra 1, Honors Algebra 1

Geometry covers the concepts of Applied Geometry in greater depth and detail. This course establishes the tools of geometry, methods of reasoning, construction, the coordinate plane, and types of measurement. Students will also focus on properties and applications of lines, triangles, quadrilaterals, similarity, right angle trigonometry, transformations, and circles. Geometry analyzes characteristics and properties of two– and three-dimensional geometric shapes and develops mathematical arguments about geometric relationships. Students will specify locations and describe spatial relationships using coordinate geometry and other representational systems. They will apply transformations and use symmetry to analyze mathematical situations. Use of visualization, spatial reasoning, and geometric modeling are incorporated to solve problems.

HONORS GEOMETRY
ILLINOIS STATE CODE: 02072A000
Credit: 1.0 Length: year
Open to Grade(s): 10
Prerequisite: Honors Algebra 1, or Algebra 1
and permission of Department Head, Instructor
and Principal

It covers the concepts of Applied Geometry in greater depth and detail than Geometry. This course establishes the tools of geometry, methods of reasoning, construction, the coordinate plane, and types of measurement. Students will also focus on properties and applications of lines, triangles, quadrilaterals, similarity, right angle trigonometry, transformations, and circles. Geometry analyzes characteristics and properties of two– and three-dimensional geometric shapes and develops mathematical arguments about geometric relationships. Students will specify locations and describe spatial relationships using coordinate geometry and other representational systems. They will apply transformations and use symmetry to analyze mathematical situations. Use of visualization, spatial reasoning, and geometric modeling are incorporated to solve problems.

APPLIED GEOMETRY
ILLINOIS STATE CODE: 02072A000
Credit: 1.0 Length: year
Open to Grade(s): 10 - 11
Prerequisite: Algebra 1

This course establishes the tools of geometry, methods of reasoning, construction, the coordinate plane, and types of measurement. Students will also focus on properties and applications of lines, triangles, quadrilaterals, similarity, right angle trigonometry, transformations, and circles. Geometry analyzes characteristics and properties of two– and three-dimensional geometric shapes and develops mathematical arguments about geometric relationships. Students will specify locations and describe spatial relationships using coordinate geometry and other representational systems. They will apply transformations and use symmetry to analyze mathematical situations. Use of visualization, spatial reasoning, and geometric modeling are incorporated to solve problems. Upon completion of this course, students are eligible to enroll in Applied Algebra 2 or Algebra 2.

COMPUTER PROGRAMMING
ILLINOIS STATE CODE: 02156A000
Credit: 0.5 Length: semester
Open to Grade(s): 10 - 12
Prerequisite: Algebra 1 or Honors Algebra 1
Dual Credit: Kaskaskia College:
CITP 210 Java (3 credit hours)

Problem solving is the main focus of this course. This course uses the computer and Java programming to solve problems encountered in mathematics, science, business, and other related fields. Through writing code, students will learn to think more logically. They will learn object-oriented design and how it applies to creating a graphical user interface, creating a graphic display, and simple animations. Students do not have to be in honors math classes to take this course. If a student moves up to an honors math class at any point, the student will be required to take Computer Programming. Students in the honors math program must take Computer Programming during their sophomore or junior year.

MATH ESSENTIALS 1A **ILLINOIS STATE CODE: 02157A000**
MATH ESSENTIALS 1B **ILLINOIS STATE CODE: 02151A000**
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Pre-Algebra or Algebra 1

Students will use algebra and geometry concepts to make mathematical connections and extensions in the areas that will aid in students' possible career choices and consumer decisions. This class is designed to improve basic math skills and prepare students to use these skills in life application. This course does not satisfy the requirements for NCAA compliance.

MATH ESSENTIALS 2A **ILLINOIS STATE CODE: 02151A000**
MATH ESSENTIALS 2B **ILLINOIS STATE CODE: 02157A000**
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: Math Essentials 1 or Applied Geometry

This class is an extension of Math Essentials 1. Students will continue to use algebra and geometry concepts to aid in consumer decisions and possible career choices. This course will incorporate more advanced concepts than Math Essentials 1. This course does not satisfy the requirements for NCAA compliance.

APPLIED ALGEBRA 2
ILLINOIS STATE CODE: 02056A000
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: Applied Geometry

This second course in Algebra is designed to recognize Algebra as a study of the structure of the real and complex number systems. This class broadens the concepts of Algebra 1. Topics include linear programming, absolute value functions, matrices, quadratic functions, radical functions, exponential and logarithmic functions, and rational functions.

HONORS ALGEBRA 2
ILLINOIS STATE CODE: 02056A000
Credit: 1.0 Length: year
Open to Grade(s): 11
Prerequisite: Honors Geometry or Geometry and permission of Department Head, Instructor and Principal
Dual Credit: Kaskaskia College
Math 134 College Algebra (3 credit hours)
There are minimum KC Placement requirements

Designed for juniors this is an accelerated course of study that covers the concepts of Algebra 2. Topics include linear programming, absolute value functions, matrices, quadratic functions, radical functions, exponential and logarithmic functions, and rational functions. As an advanced class, the honors class also includes work in sequences and series, permutations/ combinations, and probability.

HONORS TRIGONOMETRY
ILLINOIS STATE CODE: 02103A000
Credit: 0.5 Length: semester
Open to Grade(s): 11
Prerequisite: Concurrent enrollment in Honors Algebra 2
Dual Credit: Kaskaskia College
MATH 135 Trigonometry (3 credit hours)
There are minimum KC Placement requirements

This semester course covers the concepts of Trigonometry in greater depth and details. This is an accelerated course of study for those students with the ability to work at a high level of mathematical achievement.

ALGEBRA 2
ILLINOIS STATE CODE: 02056A000
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: Geometry or Honors Geometry
Dual Credit: Kaskaskia College (Algebra 2 + Pre-calculus)
Note: Must take both classes to receive dual credit
MATH 134 College Algebra (3 credit hours)
There are minimum KC Placement requirements

This second course in Algebra is designed to recognize Algebra as a study of the structure of the real and complex number systems. This class broadens the concepts of Algebra 1. This is a course designed for those with the ability to work at an average level in mathematical achievement. It covers the concepts of Applied Algebra 2 in greater depth and detail. Topics include linear programming, absolute value functions, matrices, quadratic functions, radical functions, exponential and logarithmic functions, and rational functions.

PRE-CALCULUS
ILLINOIS STATE CODE: 02110A000
Credit: 0.5 Length: semester
Open to Grade(s): 12
Prerequisite: Algebra 2, Honors Algebra 2
Dual Credit: Kaskaskia College (Algebra 2 + Precalculus)
Note: Must take both classes to receive dual credit
MATH 134 College Algebra (3 credit hours)
There are minimum KC Placement requirements

This course provides a foundation of concepts, techniques, and applications to be used in more advanced math classes. Pre-Calculus will cover the study of functions, polynomials, sequences, series, rational functions, matrices, and logarithmic functions..

TRANSITIONAL MATH
ILLINOIS STATE CODE: 02201A001
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Student has already met the high school graduation requirements

Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include, but not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning so solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem based instruction designed to build mathematical conceptual understanding and critical thinking skills.

(AP) COMPUTER SCIENCE PRINCIPLES
ILLINOIS STATE CODE: 10157A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12
Prerequisite: Completed Algebra 1 or currently enrolled in both Honors Algebra 1 and English I Honors

This course is designed for 9-12 grade students with an algebra background. Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. While learning the Java Script language, the course follows the code.org curriculum, and uses "unplugged" activities and computer simulations to show how the internet works, manipulate data, create algorithms, and design a program. Students will learn about public policy, law, and ethics as it applies in a digital world. As a part of the learning to code, students will also use Minecraft Education to build worlds using block code. The curriculum is flexible to be taught as a normal course or as an AP course. In order to receive AP credit, students must pay for, take, and pass the AP test at the end of the course. Written explanations are an important part of the AP performance task.

AP CALCULUS
ILLINOIS STATE CODE: 02124A000
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Honors Algebra 2, Honors Trigonometry
Dual Credit: Kaskaskia College
MATH 166 Calculus and Analytic Geometry I (5 credits hours)
There are minimum KC Placement requirements

This course is designed to give the honors student the best possible preparation for college mathematics. The course covers both differential and integral calculus. Besides dual credit from KC, students can receive college credit for this course if they achieve a designated score on the Advanced Placement Calculus Test. (Students may take the optional AP exam for an additional fee.)

STATISTICS
ILLINOIS STATE CODE: 02202A000
Credit: 1.0 Length: year
Open to Grade(s): 12
Prerequisite: Algebra 2 or Honors Algebra 2
Dual Credit: Kaskaskia College
MATH 136 Statistics (4 credit hours)
There are minimum KC Placement requirements

This course focuses on the basic concepts, techniques, and applications of statistics. Topics include: organization, presentation and description of data, percentiles, measures of central tendency and measures of dispersion, standard normal distribution, correlation and regression, probability, hypothesis testing and confidence intervals, sampling, and sampling distributions. Probability and its application to statistics will also be presented.

Statistics involves collecting data, analyzing it and making meaningful decisions based upon the data. This course is designed for students with wide variety of interests. This course should enable students to appropriately interpret data and use this information in everyday life to help make decisions. Students do not have to be in honors math classes to take this course

PHYSICAL EDUCATION

Coeducational Physical Education
Athletic Weight Training
Adapted Physical Education
Health

COEDUCATIONAL PHYSICAL EDUCATION
ILLINOIS STATE CODE: 08001A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12
Prerequisite: None

In this course students are provided with the opportunity to participate in a variety of different sports and activities. There will be time spent in competitive team sports that could include but not limited to, flag football, ultimate frisbee, speedball, flicker ball, handball, and basketball. Leisure and lifetime sports may include whiffle ball, tennis, golf, badminton, pickleball, volleyball, and bowling.

Uniforms may be purchased from the Physical Education Department. The uniforms are sold to the students at school. The mandatory t-shirt is $10 and optional green shorts are $15. Students will also pay a $2.00 rental fee for an official school issued lock.

ATHLETIC WEIGHT TRAINING
ILLINOIS STATE CODE: 08009A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12
Prerequisite: None

Athletic Weight Training is a co-educational class geared towards the student athlete at SCHS, but is open to all students. The focus of the class will be the improvement of athletic ability focusing on four main areas: strength, flexibility, speed, and agility. The class will utilize Monday, Wednesday and Fridays for strength training and Tuesdays and Thursdays for speed and agility training. Students will have the opportunity to be tested at the end of each quarter to determine strength gained and adjust their training program according to their goals.

Uniforms may be purchased from the Physical Education Department. The uniforms are sold to the students at school. The mandatory t-shirt is $10 and optional green shorts are $15. Students will also pay a $2.00 rental fee for an official school issued lock.

ADAPTED PHYSICAL EDUCATION
ILLINOIS STATE CODE: 08001A000
Credit: 1.0 Length: year
Open to Grade(s): 9-12
This course provides physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

HEALTH
ILLINOIS STATE CODE: 0851A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-10
Prerequisite: None

This course is required by state law for graduation. Good health is the most important aspect of our lives. The purpose of the course is to give students an opportunity to understand some of the more important factors that relate to development and maintenance of good health physically, mentally, and socially so that their lives can be more useful and happy.

EXEMPTION FROM PHYSICAL EDUCATION

All SCHS students are required to take Physical Education. The only exceptions are listed below.

1. *Medical excuse* - a written statement from a physician excusing a student from physical education for a definite period of time (grades 9, 10, 11, 12.)
2. *Student athletes* - involved in athletic competition during a semester may ask to be excused from physical education during that particular semester.
3. *Band* - students participating in Marching Band may be exempt from physical education for the marching season only.
4. *Academic* - The following circumstances constitutes the conditions for an academic exemption:
    a. credit make-up — a core course/credit is needed for graduation
    b. college prep/voc tech — must have a documented justification for the course(s) needed to enter a post-secondary institution

SCIENCE

Freshman

Science (Lab)
Lab Science A Earth Science (Lab)
Lab Science B Biology /Environmental Science (Lab)
Biology 1 (Lab)
Honors Biology 1 (Lab)

Sophomore

Science (Lab)
Lab Science A Earth Science (Lab)
Lab Science B Biology /Environmental Science (Lab)
Biology 1 (Lab)
Biology 2 (Lab)
Biological Science Applications in Agriculture
Physical Science (Lab)
Chemistry 1 (Lab)
Honors Chemistry 1 (Lab)
Human Biology (Lab)
Environmental Science (Lab)

Junior

Lab Science A Earth Science (Lab)
Lab Science B Biology /Environmental Science (Lab)
Biology 1 (Lab)
Biological Science Applications in Agriculture
Biology 2 (Lab)
Physical Science (Lab)
Chemistry 1 (Lab)
Chemistry 2 (Lab)
Human Biology (Lab)
Environmental Science (Lab)
Physics (Lab)

Senior

Biology 1 (Lab)
Lab Science A Earth Science (Lab)
Lab Science B Biology /Environmental Science (Lab)
Biology 2 (Lab)
Biological Science Applications in Agriculture
Physical Science (Lab)
Chemistry 1 (Lab)
Chemistry 2 (Lab)
Human Biology (Lab)
Environmental Science (Lab)
Physics (Lab)

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.

Science (Lab)	Lab Science A Earth Science (Lab)
Biology 1 (Lab)	Lab Science B Biology/Env. Science (Lab)
Biology 2 (Lab)	Honors Biology 1 (Lab)
Physical Science (Lab)	Honors Chemistry 1 (Lab)
Chemistry 1 (Lab)	Chemistry 2 (Lab)
Human Biology (Lab)	Physics (Lab)
Environmental Science (Lab)	

SCIENCE I (LAB)
ILLINOIS STATE CODE: 03201A000
Credit: 1.0 Length: year
Open to Grade(s): 9-10

Science is an introduction to the sciences. It is divided into a three part survey course with the material designed for the non-college bound student or the college bound non-science major student.

Science Literacy topics covered: data analysis, experimental design, supporting claims with evidence and proper reasoning.

Physical Science topics covered: heat and temperature, sounds waves, light waves, electricity, simple machines, everyday energy uses and sources.

Earth and space science topics covered: weather prediction, and severe weather, climate, climate change, and astronomy.

LAB SCIENCE A BIOLOGY/ENVIRONMENTAL SCIENCE (LAB)
ILLINOIS STATE CODE: 03003A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12

In Lab Science A, students are introduced to the basics of Biology and Ecology, including the study of the cell, genetics and cell division. Environmental science concepts such as food webs, climate change, and resource use will be included.

LAB SCIENCE B EARTH SCIENCE (LAB)
ILLINOIS STATE CODE: 03001A000
Credit: 0.5 Length: semester
Open to Grade(s): 9-12

In Lab Science B, students are introduced to the basics principles of Earth science, including the study of Earth's plate movements, volcanoes, earthquakes, rocks and minerals, and Earth's rotation and revolution around the sun.

BIOLOGY 1 (LAB)
ILLINOIS STATE CODE: 03051A000
Credit: 1.0 Length: year
Open to Grade(s): 9 - 12

Biology 1 is the study of living things. It is the fundamental course covering biochemistry, microbiology, botany, zoology and genetics. Biology I is taught as a college prep course and is recommended for those students who plan to continue their education after high school. Most lessons are reinforced with lab procedures to further the study of topics presented. If entering from Lab Science B, a grade of B or higher is recommended.

HONORS BIOLOGY 1(LAB)
ILLINOIS STATE CODE: 03051A000
Credit: 1.0 Length: year
Open to Grade(s): 9

The course content of Biology 1 Honors is the same as Biology 1, but it is covered in greater depth with an increased difficulty level. Biology 1 Honors is designed for college bound students preparing for a major in science, health, mathematics or related fields.

BIOLOGY 2 (LAB)
ILLINOIS STATE CODE: 03052A000
Credit: 1.0 Length: year
Open to Grade(s): 10 - 12
Prerequisite: Biology I (recommended C or above) and Chemistry I (recommended C or above)
Dual Credit: Kaskaskia College: BIOL 101 Biology (4 credit hours)

Biology 2 is organized and taught similar to Biology 1. Topics include the systems of the animal kingdom, genetics, embryology, ecology, bio-chemistry and botany. It is designed for college bound students who plan on majoring in science, health, or related fields.

PHYSICAL SCIENCE (LAB)
ILLINOIS STATE CODE: 03159A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Lab Science or Algebra 1

Physical Science is the study of matter and energy. This course will cover one semester of selected topics in chemistry and one semester of selected topics in physics. A working knowledge of Algebra 1 is beneficial. Students will be responsible for learning classroom materials as well as laboratory skills. Students will gain laboratory skills.

CHEMISTRY 1 (LAB)
ILLINOIS STATE CODE: 03101A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Physical Science or a C or above in Algebra I
Dual Credit: Kaskaskia College:
CHEM 103 Inorganic Chemistry—4 credit hours

Chemistry is the study of elements and compounds and the changes they undergo during chemical and physical reactions. In this course, introductory topics of atomic structures, systematic names and formulas, patterns in reactions, chemical calculations, behavior of gases and types of bonding will be covered.

HONORS CHEMISTRY 1 (LAB)
ILLINOIS STATE CODE: 03101A000
Credit: 1.0 Length: year
Open to Grade(s): 10
Prerequisite: Earn a B in Algebra I (an A is recommended) or a C in Honors Algebra I (a B or above is recommended)
Dual Credit: Kaskaskia College:
CHEM 103 Inorganic Chemistry—4 credit hours

Honors Chemistry 1 is the study of the same introductory topics included in Chemistry 1, but each of the topics is studied in greater detail at a faster pace.

CHEMISTRY 2 (LAB)
ILLINOIS STATE CODE: 03102A000
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: Chemistry 1 (recommended C or above) or Honors Chemistry 1
Dual Credit: Kaskaskia College:
Semester 1 CHEM 111 Inorganic Chemistry –5 credit hours
Semester 2 CHEM 112 Physical & Analytical Chemistry—5 credit hours.

This course covers topics such as atomic structure, chemical bonding, properties of solutions, reaction rates, acids and bases, oxidation-reduction reactions, electrochemistry, nuclear chemistry and organic chemistry.

PHYSICS (LAB)
ILLINOIS STATE CODE: 03151A000
Credit: 1.0 Length: year
Open to Grade(s): 11-12
Prerequisite: Enrolled in or have completed Algebra 2 and Trigonometry or Algebra 2 Honors

Physics is the study of matter and energy. Some major topics covered are force, motion, energy, work, power, waves, sound, and light. This course is approached from a mathematical point of view. A solid understanding of algebra and geometry is important for success in the course.

HUMAN BIOLOGY (LAB)
ILLINOIS STATE CODE: 03053A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Biology 1 and Chemistry 1
Dual Credit: Kaskaskia College: BIOL 121 Anatomy & Physiology (4 credit hours)

Human Biology is an in-depth study of the structure & function of the body. This course has been developed to prepare students for college level work. Detailed physiological concepts such as muscle contraction, nerve impulse conduction and homeostasis support anatomical study of all the major human body systems. Coursework includes labs, lectures, quizzes, tests, and lab practicals.

ENVIRONMENTAL SCIENCE (LAB)
ILLINOIS STATE CODE: 03003A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: Completed Lab Science or Biology

This course explores the intricate relationships between Earth's systems that shape our planet. Students will gain an understanding of key ecological concepts including biomes, biodiversity, adaptation, energy flow, and population dynamics. Topics on the impact of human activities on ecosystems will be covered including habitat destruction, pollution, resource use and the effects of urbanization as well as conservation practices. Students will investigate Earth's resources focusing on the distinction between renewable and nonrenewable resources, and will explore sustainable alternative green practices to mitigate human impact. This course offers a comprehensive overview of the environmental challenges facing our world today and encourages critical thinking about solutions for the future.

SOCIAL STUDIES

Freshman

World Geography
World History

Sophomore

World History
World Geography
Historical Analysis Through Media

Junior

U.S. History
Historical Analysis Through Media

Senior

Civics
Psychology
Sociology
Historical Analysis Through Media

This is a listing of what years the courses may be taken.
Be sure to check course descriptions for prerequisites.

SOCIAL STUDIES

World Geography — World History
U.S. History — Psychology
Sociology — Civics
Historical Analysis Through Media

WORLD GEOGRAPHY
ILLINOIS STATE CODE: 040001A000
Credit: 1.0 Length: year
Open to Grade(s): 9 - 10

World Geography is a study of people, places and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. The course will emphasize the practical and responsible application of geography to life situations.

WORLD HISTORY
ILLINOIS STATE CODE: 04051A000
Credit: 1.0 Length: year
Open to Grade(s): 9 - 10

The first semester of this course deals with the development of man from pre-civilization through the dawn of history to the center of the civilized world. Progression of events are in sequence, concluding with the Reformation in Europe. The second semester of this course begins with revolutionary struggles throughout the world. The course looks at the world as a composite of nations, each growing in its own time through the 18th century. This course is recommended for college bound students.

U.S. HISTORY
ILLINOIS STATE CODE: 04101A000
Credit: 1.0 Length: year
Open to Grade(s): 11
Prerequisite: None

This course is designed to acquaint the student with historical events which have shaped their lives and influenced the destiny of our country. The history of our country from the age of discovery to the present is covered, with an emphasis on major personalities of our past.

U.S. HISTORY 103
ILLINOIS STATE CODE: 04101A000
Credit: 0.5 Length: semester
Open to Grade(s): 11
Prerequisite: KC placement test qualifying for ENGL 101
Dual Credit: Kaskaskia College HIST-103 (3 credit hours)

An introductory examination or survey of the development of American political concepts, social changes, intellectual growth, economic philosophies, and religious institutions from the discovery of America by the Europeans through the end of the Civil War in 1865.

U.S. HISTORY 104
ILLINOIS STATE CODE: 04101A000
Credit: 0.5 Length: semester
Open to Grade(s): 11
Prerequisite: Completion of HIST-103 with C or above
Dual Credit: Kaskaskia College HIST-104 (3 credit hours)

A continuation of the examination or survey of American political concepts, social changes, intellectual growth, economic philosophies, and religious institutions from the end of the Civil War in 1865 to the present time

CIVICS
ILLINOIS STATE CODE: 04151A000
Credit: 0.5 Length: semester
Open to Grade(s): 12
Prerequisite: None

This course is designed to give the student a basic understanding of the U.S. and Illinois Constitutions. In addition, study of how our government works at all levels, and how it effects our lives will be emphasized. The course also deals with individual rights and responsibilities. An historical study of American government that covers its development through history.

PSYCHOLOGY
ILLINOIS STATE CODE: 04254A000
Credit: 0.5 Length: semester
Open to Grade(s): 12
Prerequisite: None
Dual Credit: Kaskaskia College PSYH-101 (3 credit hours)

This course is designed to give seniors a basic background into the nature of human behavior. Topics such as learning, personality, and mental illness will be stressed. This course will benefit both college bound and non-college bound students.

SOCIOLOGY
ILLINOIS STATE CODE: 04258A000
Credit: 0.5 Length: semester
Open to Grade(s): 12
Prerequisite: None

Sociology is the study of social institution, human interactions, and values. It is also a study of social problems such as juvenile delinquency, crime, poverty, and many other topics. How sociology applies to individual goals will be discussed with the students to assist them in coping with the ever changing world. This course can benefit both college and non-college bound students.

HISTORICAL ANALYSIS THROUGH MEDIA
ILLINOIS STATE CODE: 04065A000
Credit: 1.0 Length: year
Open to Grade(s): 10-12
Prerequisite: B or above in World History and/or instructor approval

This course is a year long class designed to enhance student knowledge on the historical events and cultural interactions that have shaped the modern world. Students will hone their historical inquiry and analysis skills as they utilize both primary and secondary evidence to determine the credibility of sources. In addition to learning the historical accounts, students will explore themes such as character development, conflict, and social issues while also looking at major cultural institutions such as economics and government. Throughout the course we will examine films and other media including, but not limited to, the following time periods: The Ancient World, the Middle Ages, the Renaissance, Enlightenment & Age of Exploration, the Pre-Modern World, the Twentieth Century, and the Modern Era. This course is designed to provide students with a unique lens to develop an understanding of the cause-and-effect relationships that have defined the global community.

FAST

FAST Class
Credit: 0.125 Length: semester
Pass/Fail - Not Calculated in GPA
Open to Grade(s): 9 - 12
Prerequisite: Approval from FAST Staff

FAST, which is an acronym for Foster Academic Success Today, is offered to students in our regular education program to receive academic assistance. The goal of FAST is to help students achieve academic success. Students will work to gain study skills necessary to succeed in high school course work. They will also receive individual student/teacher monitoring of homework with necessary assistance when needed. Students will also be assisted in preparation for tests and projects.

Students who assert genuine effort will be able to earn one-eighth elective credit towards graduation for every semester of FAST Class. Students may only miss 10 days per semester to receive credit. .

Wildcat Work Study Program

Wildcat Work Study Program
Credit: *3.0 Length: year
Open to Grade(s): General Studies students grade 12
Placement: GS Vocational Education and/or approval of General Studies Coordinator

The Wildcat Work Study Program affords general studies students the opportunity to gain on-the-job work training during the school day. Participants work with the program coordinator to secure either an internship or paid position within the local community or SCHS.

Students receive course credit equal to the number of periods of enrollment in the course. *The maximum number of credits that can be earned is three. Students must have good attendance and be passing all classes at the time of registration for the class and while enrolled in the program. Specific participation guidelines will be discussed with students at their annual review meeting.

Because students are receiving school credit for participation in the program, they may or may not be placed in paid positions. Some paid positions may pay less than minimum wage. Students are required to complete a time sheet each month and attend class meetings assigned by the coordinator.

PERSONAL FOUR YEAR PROGRAM

Freshman Year

Periods in a Day	*First Semester*	*Second Semester*
1	Physical Education	Health
2	English	English
3	A Math class	A Math class
4	A Science class	A Science class
5	*World History or World Geography	*World History or World Geography
6		
7		
Alternate Course		

* Students are encouraged to take one unit of credit in Social Studies (World History or Geography) their freshman or sophomore year.

PERSONAL FOUR YEAR PROGRAM

Sophomore Year

Periods in a Day	*First Semester*	*Second Semester*
1	Physical Education	Physical Education
2	English	English
3	A Math class	A Math class
4	A Science class	A Science class
5	*	*
6		
7		
Alternate Course		

* May take Business Concepts or Agribusiness Management to fulfill the Consumer Education graduation requirement.

PERSONAL FOUR YEAR PROGRAM

Junior Year

Periods in a Day	*First Semester*	*Second Semester*
1	Physical Education	Physical Education
2	English	English
3	A Math class	A Math class
4	U.S. History	U.S. History
5	*	*
6		
7		
Alternate Course		

* May take Business Concepts or Agribusiness to fulfill the Consumer Education graduation requirement.

PERSONAL FOUR YEAR PROGRAM

Senior Year

Periods in a Day	*First Semester*	*Second Semester*
1	Physical Education	Physical Education
2	English	English
3	*Consumer Education	Civics
4		
5		
6		
7		
Alternate Course		

* If you have not previously taken a Consumer Education class, you may take Business Concepts or Agribusiness Management to fulfill this graduation requirement.

TENTATIVE SCHEDULE FOR COLLEGE BOUND STUDENTS

4 - 3 - 3 - 3 - 3 Curriculum Plan

Freshman Year	Unit of Credit
1. *Lab Science A&B or Biology	1
2. *Algebra	1
3. *Health/Physical Education	1
4. *English	1
5. *World History (may be taken freshman or sophomore year) or elective from area of interest	1
6. Foreign language or other elective to meet college requirements, i.e. fine arts, vocational education	1
7. Driver Education/Study Hall, or an elective	0 - 1
	6 - 7

Sophomore Year	
1. Biology, Physical Science or Chemistry	1
2. *Geometry	1
3. *English	1
4. *Physical Education	1
5. Driver Education/Study Hall (may be taken during the summer)	1/2
6. Foreign language or other elective to meet college entrance requirements, i.e. fine arts or vocational education	1
7. Elective from area of interest or a class to fulfill the Consumer Education graduation requirement.	1
	6 1/2

Junior Year	
1. *U.S. History	1
2. *English	1
3. *Physical Education	1
4. Science area (Biology 2, Physics, Human Biology, Chemistry 2)	1
5. Algebra 2	
6. Elective from area of concentration (Computer mathematics, information technology, etc.)	1
7. Study hall, elective or a class to fulfill the Consumer Education requirement.	0-1
	6 - 7

Senior Year	
1. *Civics	1/2
2. *English	1
3. *Physical Education	1
(4,5,6,7) A course to fulfill the Consumer Education requirement, Elective from Social Science area, Science area, Information Technology area, or electives from areas of concentration	3 1/2
	6

* *denotes required courses*