

Scott Community High School

Course Offerings



2020-2021

Graduation Requirements

SCHS Graduation Requirements

24 credit hours are required for graduation from SCHS. They are broken down as follows:

- English - 4 credits
- Social Studies - 3 credits
- Math – 3 credits
- Science - 3 credits
- Fine arts - 1 credit
- Computer Applications - 1 credit
- Speech -1/2 credit
- Physical Education/Health - 1 credit
- Practical Arts – 1 credit. (All classes that qualify for the practical arts credit are denoted with PA in the description).
- Electives - 6 1/2 credits
- Community Service-5 hours per year for a total of 20 hours.

Planning for College

Four year colleges require students to complete certain college preparatory courses while in high school. To qualify for admission to a Kansas Regents University (Emporia State, Kansas State, University of Kansas, Wichita State, Fort Hays State, Pittsburg State) beginning with the summer 2015 semester, the following will apply).

The following standards will apply to all:

1. Complete the pre-college or Kansas Scholars Curriculum (listed below) with at least a 2.0 GPA; **AND**
2. Achieve ONE of the following:
 - ACT score of 21 or higher; OR
 - SAT score of 980 or higher; OR
 - Graduate in the top one-third of their class; **AND**
3. Achieve a 2.0 GPA or higher on any college credit taken in high school

The Pre-college Curriculum for all:

- English – 4 credits (1 each year of high school)
- Social Studies – 3 credits (American History, Government & Public Administration Fundamentals, ½ credit in World History, and 1 credit from social studies electives).
- Science – 3 credits (one credit must be Chemistry or Physics)
- Math – 3 or 4 credits (Algebra I, Geometry, Algebra II or above; **AND** students must meet the ACT college readiness benchmark of 22 on the math portion; **OR**, the students will be required to take the additional 4th year of qualified regents math **DURING** their senior year).
- Three credits of electives.

It is strongly recommended by colleges, the State Board of Education, ACT, and this district, that students take an upper level math course their senior year.

Pre-college curriculum requirements for State Scholarship consideration.

To be eligible for the Kansas State Scholarship Program, Minority Scholarship Program, and Kansas Teachers Scholarship Program, students must complete the pre-college curriculum listed above, plus the following three requirements:

Math - 1 additional credit for a total of four credits of math (choose from college algebra, calculus, advanced math, or trigonometry).

World Language - 2 units in the **same** language.

Science - 3 units (these must be biology, chemistry, and physics)

English Language Arts

CLASS: ENGLISH I
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9

English I is intended to provide a literate classroom environment which facilitates reading, writing, speaking and listening experiences for all students. Students will learn the fundamentals of research, continue learning new vocabulary and grammar, read short stories, novels, and the Shakespeare tragedy, *Romeo and Juliet*. They will write journals, essays, formal papers, and compose their own short story.

CLASS: ENGLISH II
CREDIT: 1
PREREQUISITE: ENGLISH I
CLASS LEVEL: 10

English II is intended to further develop each student's ability to use grammar effectively, to write expository and creative works, and to understand the types and techniques of literature. Students will practice research skills, read a Shakespeare play, and read *To Kill A Mockingbird*, among other novels and short stories.

CLASS: ENGLISH III
CREDIT: 1
PREREQUISITE: ENGLISH II
CLASS LEVEL: 11

English III provides the background necessary for mastering more complex skills needed in English IV. Students strengthen their composition skills by writing and studying literature. They are introduced to American Literature in units on short stories, poetry, novels, and a play. They receive instruction in speaking and listening, writing and reading, group work, problem solving, decision making, and information gathering. Grammar, syntax and vocabulary are addressed through writing assignments, reading and on-line exercises.

CLASS: ENGLISH IV
CREDIT: 1
PREREQUISITE: ENGLISH III
CLASS LEVEL: 12

English IV will present students with stories and poetry from British authors in order to establish a background and understanding of how the English language began and evolved. For this class students will have to write several papers, complete weekly vocabulary assignments, journal, and read several novels. This class is intended to prepare students for writing for college courses or a profession. Students will develop their reading and comprehension skills for post high school work.

CLASS: COLLEGE ENGLISH I & II
CREDIT: 1-DUAL CREDIT W/GCCC (3 college credits each)
PREREQUISITE: 263 ON THE ACCUPLACER TEST AT GCCC (With Instructor Permission)
CLASS LEVEL: 12

This is a dual credit course offered through Garden City Community College. Students may elect to take this course after passing the required ACCUPLACER test given by arrangement with Garden City Community College.

CLASS: YEARBOOK (PA)
CREDIT: 1
PREREQUISITE: COMPUTER APPLICATIONS AND INSTRUCTOR PERMISSION
CLASS LEVEL: 10-12

This course consists of the production of the high school annual. Skills learned and applied include basic digital photography, copywriting, layout and design, advertising sales and design, and desktop publishing. Work possibly concludes after the school year ends depending upon the completion of activities at the end of the year. Grades are directly linked to completion of assignments and deadlines. Computer tech may be taken concurrently.

CLASS: SPEECH
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 9-12

This is a semester course that provides beginning training in speech preparation, organization, and development of delivery skills. Speeches are the primary classroom activity. Discussion, group activities, and interpersonal building skills are also included.

CLASS: FORENSICS
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 9-12

Using a curriculum that focuses on the speaking and listening skills found in the new common core English-Language Arts standards, students will engage in communication in new ways as they compete with teams from across the state and country. Within the realm of speech you will have the opportunity to engage your mind by writing your own speeches in the platform events, act out your favorite story by performing an interpretative piece, speak your mind on relevant domestic and international issues in the limited prep events. The events focus on prepared public speaking, extemporaneous speaking, solo acting, duet acting, improvisational acting, and interpretation of prose and poetry. No matter what interests you, we will find a way to bring out the exceptional speaker in you.

CLASS: COLLEGE PUBLIC SPEAKING
CREDIT: 1/2 –DUAL CREDIT W/GCCC (3 college credit hours)
PREREQUISITE: 240 ON THE ACCUPLACER TEST AT GCCC (With Instructor Permission)
CLASS LEVEL: 11-12

This course includes the study of the fundamentals of communication and the composition, organization, and delivery of original speeches. Eight speeches, delivered to a live synchronous audience of at least five appropriate persons, are required throughout the semester. This course meets the speech requirement for transfer programs and is performance based on appropriate assignments included.

CLASS: FILM IN LITERATURE
CREDIT: 1/2
PREREQUISITE: ENGLISH II
CLASS LEVEL: 11-12

This course emphasizes film as literature with a focus on film history, techniques, and genres. Using film as text, students explore the relationships in visual media among concept, theme, structure, and style. Focusing on film as an intellectual and visual puzzle to be discovered like a book or short story, students are encouraged to develop analytical skills and refine their critical abilities through the viewing of modern and classic films. Students can expect

required readings, writing, discussions, and multimedia projects.

CLASS: HISPANIC LITERATURE
CREDIT: ½
PREREQUISITE: NONE
CLASS LEVEL: 10-12

Hispanic/Latin American Literature is a course designed to help students develop and enhance their skills in reading, writing, speaking, researching, and listening through exploration of different genres written by Latino authors. In reading, emphasis will be placed on increasing vocabulary and improving comprehension through biographies, novels, poetry and other genres. In writing, students will experiment with different styles of writing genres such as literary analysis, expository, argumentative, persuasive, narrative, and research. Students will also sharpen their abilities pertaining to punctuation, usage, and sentence structures. The primary themes of Hispanic/Latino Literature center around issues of identity and how that identity is influenced by culture, language, socioeconomic status, and family.

CLASS: CREATIVE WRITING I
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 10-12

Creative Writing I provides student writers with opportunities to explore the foundations of good writing in both fiction and nonfiction. Students will develop their own unique style and take creative risks in a supportive workshop environment. Students and their teacher discuss, model, and practice various genres. The class will publish an anthology of student writing, and students are encouraged to find online publication venues

CLASS: CREATIVE WRITING II
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 10-12 (With Instructor Permission)

This self-directed course is for the motivated student writers who frequently write on their own or are considering writing in their college/career plans. Students develop a contract with the teacher to individualize their writing goals. They can explore and research various genres of fiction and nonfiction, and investigate internet-based writing forums, contests and publications. Students will be encouraged to promote their own writing through blogging, publishing, and oral presentation.

CLASS: JOURNALISM I
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 11-12

Journalism will be designed as an elective course available to high school students grades 10 - 12. The purpose of this course is to enable students to develop fundamental skills in the production of print or electronic journalistic media. In this class, students will compose pieces fit for publication, have the opportunity to choose the topics they write about, be exposed to a variety of types of journalistic writing (like writing for news, sports, and opinions), and will have the opportunity to edit and revise both their own work, and the work of other students. Students will learn to read through a critical lens, give opinions and feedback on pieces they read, and propose ways to improve texts. Eventually developing a school newspaper is the goal of this class.

CLASS: JOURNALISM II
CREDIT: 1/2

PREREQUISITE: JOURNALISM I
CLASS LEVEL: 11-12 (With Instructor Permission)

Journalism will be designed as an elective course available to high school students grades 10 - 12. The purpose of this course is to enable students to develop fundamental skills in the production of print or electronic journalistic media. In this class, students will compose pieces fit for publication, have the opportunity to choose the topics they write about, be exposed to a variety of types of journalistic writing (like writing for news, sports, and opinions), and will have the opportunity to edit and revise both their own work, and the work of other students. Students will learn to read through a critical lens, give opinions and feedback on pieces they read, and propose ways to improve texts. Eventually developing a school newspaper is the goal of this class.

WORLD LANGUAGES

CLASS: SPANISH I
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-12

The Spanish I class will study the basic grammatical and pronunciation rules of Spanish. Emphasis is placed upon simple vocabulary, communications, listening comprehension, translation, reading, and appreciation of the Spanish culture.

CLASS: SPANISH II
CREDIT: 1
PREREQUISITE: SPANISH I
CLASS LEVEL: 10-12

Spanish II includes review of the grammatical rules, pronunciation rules, and vocabulary previously studied. It then progresses to a more detailed study of these areas. Emphasis is placed upon writing and verbal production, improving listening comprehension, reading, and cultural appreciation of Spanish-speaking people.

FINE ARTS

CLASS: ART I
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-12

This class is designed for students with less experience, yet with a desire to explore their talents through the arts. Media explored in Art I include: two-dimensional drawing, commercial art, three-dimensional ceramics and sculpture.

CLASS: ART II
CREDIT: 1
PREREQUISITE: ART I
CLASS LEVEL: 10-12

Art II is the study of the elements and principles of design combined with an increasing emphasis on quality, difficulty and creativity of assignments. Vocational exploration into related careers will be introduced. Media experienced in

Art II include: two-dimensional-drawing, painting, commercial design, three-dimensional-functional ceramics, sculpture and crafts.

CLASS: CERAMICS I
CREDIT: 1/2 (1st Semester)
PREREQUISITE: ART I
CLASS LEVEL: 10-12

Ceramics is a studio course consisting of forming vessels by hand methods (pinch, coil, and slab) and wheel throwing functional and decorative ceramic pieces. The history of ceramics will also be studied through text and research. Anyone who wishes to improve hand coordination, design skills, or learn about things of clay would benefit from this class.

CLASS: CERAMICS II
CREDIT: 1/2 (2nd Semester)
PREREQUISITE: CERAMICS I
CLASS LEVEL: 10-12

Ceramics II will be a continuation of the Ceramics I course. Students will continue to learn new skills and apply them to more complex ceramic pieces.

CLASS: ADVANCED ART
CREDIT: 1
PREREQUISITE: ART II
CLASS LEVEL: 11-12

This class is intended for students wishing to continue developing their art skills for college, or vocational fields requiring artistic skills or backgrounds. This may or may not include commercial art, advertising, fine art, art education, fashion design, interior design, graphic design, computer imaging, technical illustration, or many other vocations requiring a feeling for color and design. This class is designed to allow the individual student to expand on already developed skills, exploring in-depth areas that will enrich style and personal expression. Special emphasis is placed on producing show quality work and portfolio preparation for those seeking college scholarships, technical school scholarships or job applications in related fields. Students enrolling in advanced art need to be somewhat self-directed and demonstrate a high degree of self-motivation. Minimum requirements are: Two advanced level projects each 9 weeks. In the four 9 weeks, each student will complete a minimum of 8 projects, one two-dimensional work in a drawing media; one two-dimensional work in a painting media; one three-dimensional work; one work from clay; one self-portrait in any media; and three artist choice projects. Students will also create an art portfolio of their works to use for scholarship applications. Advanced student work may be selected for display in regional art shows.

CLASS: GRAPHIC DESIGN FUNDAMENTALS (PA)
CREDIT: ½ (second semester only)
PREREQUISITE: COMPUTER APPLICATIONS
CLASS LEVEL: 10-12

In this class, students will learn the principles of graphic design and typography while using Adobe design software to create digital drawings, logos, advertisements, magazine layouts, and more. Students complete the course by creating a digital portfolio to showcase their work. Computer Applications is a required prerequisite for this class.

CLASS: DRAMA/THEATRE TECH
CREDIT: 1/2
PREREQUISITE: INSTRUCTOR PERMISSION REQUIRED

CLASS LEVEL: 9-12

In this course we will study plays, acting and stage movement and history of the theatre. We will also focus on the technical aspects of the theatre, looking at lighting, sound and set construction and design. We will help build the set for the All School Play and assist with make-up, costuming and set painting.

CLASS: MIXED CHORUS
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-12

Mixed Chorus is open to any SCHS student with the desire to sing. Enrollment in Mixed Chorus requires a year-long commitment. Music learned and performed will be selected to develop skills in vocal techniques, sight-reading, intonation, harmony, part-singing, and diction. The choir will sing at all scheduled high school concerts and Large Group Contest. A performance wardrobe is required. Males and Females will wear black pants, black socks and black shoes beneath a school-issued performance robe. Performances are a mandatory part of the requirements for this course. A Band/Choir trip is customarily planned every other year. Fundraising opportunities are provided.

CLASS: ENCORE
CREDIT: 1
PREREQUISITE: AUDITION WITH THE INSTRUCTOR
CLASS LEVEL: 9-12

Encore is a small ensemble consisting of advanced singers chosen through auditions. Check with the instructor about audition expectations. Encore will perform a wide variety of music including conventional choral literature, pop, jazz, swing, and show choir music. Choreography is added to music when appropriate. A performance wardrobe is required of each member. This ensemble sings at all scheduled high school concerts, Small Group Contest, and various community events. A Band/Choir trip is customarily planned every other year. Fundraising opportunities are provided.

CLASS: SUGAR 'N SPICE (GIRLS CHORUS)
CREDIT: 1
PREREQUISITE: AUDITION WITH THE INSTRUCTOR
CLASS LEVEL: 9-12 (GIRLS)

Sugar and Spice can consist of up to 24 advanced female singers chosen through auditions. Check with the instructor about audition expectations. Sugar and Spice will perform a wide variety of music including conventional choral literature, pop, jazz, swing, and show choir music. Choreography is added to music when appropriate. A performance wardrobe is required of each member. This ensemble sings on all scheduled high school concerts, Small Group Contest, and various community events. A Band/Choir trip is customarily planned every other year. Fundraising opportunities are provided.

CLASS: MUSICAL
CREDIT: 1/2 (1st semester only)
PREREQUISITE: INSTRUCTOR APPROVAL BY AUDITION
CLASS LEVEL: 9-12

This class is for those students who have lead and supporting roles in the SCHS fall musical. Class time is spent preparing all aspects of a musical theater production, including acting, singing, and choreography.

CLASS: BAND
CREDIT: 1

PREREQUISITE: COMPLETION OF 8TH GRADE BAND OR INSTRUCTOR APPROVAL
CLASS LEVEL: 9-12

Band is a performance-based class. Class time is spent preparing music for performances done outside of the school day. The first nine-weeks involve marching band and pep band for football games. After completion of football season, the band works on concert music in various styles for the remainder of the school year. The band also continues to perform as a pep band for boys and girls basketball games. During the spring, there are opportunities for interested individuals to perform solos or with a small ensemble. The band performs publicly approximately 20 times per year, including four home concerts, contests and pep bands.

CLASS: INTRO TO MUSIC THEORY AND BASIC PIANO KEYBOARDING
CREDIT: 1/2 (1st semester only)
PREREQUISITE: DIRECTOR APPROVAL-10 students
CLASS: 10-12

This class is designed for those students interested in pursuing a deeper level of music theory knowledge and basic piano keyboarding skills - particularly students interested in studying music at the post-secondary level. Topics include but are not limited to: notation, harmonies, chords, scales, rhythm, key signatures, aural skills, and basic composition. Basic piano skills will be learned to enhance the understanding of music theory - scales, chords, and simple two-hand music reading.

CLASS: JAZZ BAND
CREDIT: 1
PREREQUISITE: AUDITION WITH INSTRUCTOR
CLASS: 9-12

The Scott Community High School Jazz Band will consist of students with prior instrumental music experience interested in the genre of jazz. We will explore a variety of styles within the jazz realm, including swing, Latin, big band, and be-bop. Students will also learn skills associated with this genre such as improvisation. This is a performance-based class, and each student will be required to perform daily in front of his/her peers, as well as at several concert opportunities outside of the school day.

SCIENCE

CLASS: PHYSICAL SCIENCE
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9

Physical Science serves as a basic science class for the non-science orientated student and also as a foundation for the student who plans to enter upper level physics and chemistry. Physical Science includes the topics of matter, the atom, motion, forces, waves, electricity, thermodynamics, and light.

CLASS: APPLIED BIOCHEMISTRY
CREDIT: 1
PREREQUISITE: PHYSICAL SCIENCE (or by teacher recommended test-out)
CLASS LEVEL: 9-11

Applied Biochemistry courses integrate biology and chemistry into a unified domain of study and present the resulting body of knowledge in the context of work, home, society, and the environment, emphasizing field and laboratory

activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life.

CLASS: EARTH AND SPACE SCIENCE
CREDIT: 1
PREREQUISITE: PHYSICAL SCIENCE
CLASS LEVEL: 10-12

This science course will focus on Earth's systems and its place in the universe. Topics studied will include: weather and climate, Earth's water systems, astronomy, Earth's Interior, Plate Tectonics, geology, volcanoes, and the rock cycle.

CLASS: AG FOOD SCIENCE
CREDIT: 1
PREREQUISITE: AgScience (If following the AG pathway)
CLASS LEVEL: 10-12

Food Science is designed to introduce students to the food science industry and emerging technology. Students will gain a broad understanding of the many steps it takes to get food from the field to the table, and the precautions taken along the way to ensure a safe and quality product when it arrives. Students will be studying the food science industry, foods and nutrition, applying chemistry and physics to foods, food microbiology, handling and processing food, food packaging and labeling, food safety, economics and food, and issues in food science.

CLASS: ANIMAL SCIENCE and INDUSTRY
CREDIT: 1
PREREQUISITE: AgScience (If following the AG pathway)
CLASS LEVEL: 10-12

Animal Science is a year long class designed for students who have an interest in animal science. Students will be exposed to a basic study of animals, including: anatomy and physiology, cell structure and function, reproduction and genetics, fees, nutrition and digestion, animal health and disease, and animal behavior and environment.

CLASS: AgScience
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-12

This course enhances the comprehension of the agricultural science and includes the study of soils, plants, animals, food science, and supervised agricultural experiences. The students will learn about the different breeds of livestock, plant production, and agricultural construction. The students will also develop leadership qualities and will discover career opportunities in agriculture. This course allows students to compete in FFA leadership and judging activities.

CLASS: PLANT and SOIL SCIENCE
CREDIT: 1
PREREQUISITE: AG SCIENCE (If following the AG pathway)
CLASS LEVEL: 10-12

Plant and Soil Science is designed to advocate to students the diversity of horticulture, floriculture, and agronomy. Areas that will be covered are basic plant and soil sciences, plant cells, plant physiology and growth, plant

reproductions and genetics, environmental factors, soil and soil management, greenhouse safety, hydroponics, landscape management and pest management.

CLASS: NATURAL RESOURCES MANAGEMENT
CREDIT: 1/2
PREREQUISITE: INTRODUCTION TO AGRICULTURE (If following the AG pathway)
CLASS LEVEL: 10-12

Through this introductory course, students explore the modes employed to preserve the biological integrity of various ecosystems. They examine methods for encouraging a healthy genetic line, preserving natural habitats and making sure food sources are available. Students examine how new species affect and can destroy an area.

CLASS: CHEMISTRY I
CREDIT: 1
PREREQUISITE: ALGEBRA II AND PHYSICAL SCIENCE or APPLIED BIOCHEMISTRY
CLASS LEVEL: 10-12

Students will learn about basic atomic structure and function. The basics of how the atom works and how different types of matter react will be the primary emphasis of study. This class is required for state scholarship consideration.

CLASS: CHEMISTRY II
CREDIT: 1
PREREQUISITE: CHEMISTRY I
CLASS LEVEL: 11-12

Chemistry II is intended primarily as a course to give the student an in-depth and extended review of Chemistry I. Any student considering a major in any science or medical field should consider this course a must. This course includes an introductory unit in organic chemistry. The organic unit is approximately 10 weeks and covers the occurrence, classification, synthesis, and major uses of the hydrocarbons. Chemical bonding and molecular shapes are also covered in depth. Laboratory skills are emphasized in selected experiments essential to an understanding of course concepts.

CLASS: ANATOMY & PHYSIOLOGY - BIOLOGY II
CREDIT: 1
PREREQUISITE: CHEMISTRY I AND APPLIED BIOCHEMISTRY
CLASS LEVEL: 11-12

Biology II students should have a good understanding of basic biology concepts as very little time will be given to review those ideas. The focus of Biology II includes human anatomy and function as well as criminalistics and introduction to forensic science. Students who plan a career in any of the many fields associated with biology and medicine are encouraged to take this class to help them prepare for their chosen vocation.

CLASS: PHYSICS
CREDIT: 1
PREREQUISITE: Algebra II AND CHEMISTRY I
CLASS LEVEL: 11-12

Physics is considered a college prep course. However, physics is also a good course for those who are mathematically inclined and have a strong interest in how the physical world works. Topics include Newtonian Mechanics (speed, acceleration, force, vectors, projectile motion, energy, and work), thermodynamics, waves, sound, light, and electricity. Labs involving data analysis and interpretation as well as extensive problem solving are integral parts of this course. This class is required for Board of Regents scholarship consideration.

CLASS: GENERAL COLLEGE CHEMISTRY
CREDIT: 1-DUAL CREDIT W/GCCC (5 college credit hours per year)
PREREQUISITE: 240 ON THE ACCUPLACER TEST at GCCC (Instructor Permission)
CLASS LEVEL: 12

This course is the study of the principles of chemistry to provide general information about the elements, atomic structure, chemical bonding, chemical equilibrium, redox reactions, solutions, and laboratory methods for the liberal arts student who does not expect to major in science or related fields. This meets the requirements for 5-hour lab class. **(Reminder: This class will only count as a basic 100 level college chemistry class intended for fine arts, liberal arts, and humanities degrees. If you are planning to obtain a Bachelor of Science degree, this class will not count for the Chemistry level you need).**

MATHEMATICS

MATHEMATICS

- Algebra I is required for all students and is a prerequisite for Geometry and Algebra II.
- The typical sequence of courses taken is as follows: Algebra I, Geometry, Algebra II, Advanced Math (or College Algebra), Calculus.
- **Qualified Admissions requirements for admission to a state university are:** three units of math at or above the Algebra I level. Algebra I completed at the 8th grade level does **NOT** count for one of these units. **Students must take 4 units of math if they do not score at least a 22 on the ACT math portion.**
- **Kansas State Scholarship applicants are required to meet Regent's requirements as well as 1 additional unit of math from:** Analytic Geometry, Trigonometry, Advanced Algebra, Statistics, College Algebra/ Trigonometry, or Calculus. (Algebra I completed at the 8th grade level **DOES** count for one of these units).
- **All post-secondary institutions are highly recommending that anyone planning to enroll in their institution take a math class their senior year. They are finding that students who do not take a rigorous math course their senior year are not retaining the skills to be successful at the next level.**

CLASS: PRE-ALGEBRA
CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION
CLASS LEVEL: 9-10

This class is for students who are not quite ready for the algebra curriculum. Focus will be on preparation for students to go into Algebra I the following year. Strong emphasis on the continued study of integers, order of operations, variables, expressions, and equations. Students will solve and graph equations and inequalities, write and solve proportions, and explore geometry, statistics, and graph concepts.

CLASS: ALGEBRA I
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-11

This course goes into greater depth and builds upon topics covered in pre-algebra, with an emphasis on problem solving. Students also study algebraic fractions, functions, linear equations, and solving systems of linear equations, exponents, foiling, and factoring. A scientific calculator is recommended.

CLASS: GEOMETRY
CREDIT: 1
PREREQUISITE: ALGEBRA I

CLASS LEVEL: 9-11

The main goals of the course are the development of problem solving skills, logical thinking, and their analysis of geometric figures in a plane and in space. The course of study includes lines, points, angles, proof, parallel and perpendicular lines, congruence and similarity of triangles, circles, polygons, trigonometry, probability, statistics, and solids. Homework should be expected almost every night. A scientific calculator is recommended.

CLASS: ALGEBRA II
CREDIT: 1
PREREQUISITE: GEOMETRY
CLASS LEVEL: 10-12

This course emphasizes algebraic expressions and forms, especially quadratic functions, exponents, radicals, and functions based on these concepts. Students study logarithmic, exponential, polynomial, rational, and other special functions both for their abstract properties and as tools for modeling real-world situations. Probability and trigonometry will also be introduced. Problem solving skills and applications of algebra are emphasized. Each student **must** have a graphing calculator for Algebra II as it will be used extensively.

CLASS: INTRODUCTION TO STATISTICS
CREDIT: 1
PREREQUISITE: GEOMETRY
CLASS LEVEL: 11-12

Introduction to Statistics is an introductory course in statistics intended for students in a wide variety of areas of study. Topics discussed include displaying and describing data, the normal curve, regression, probability, statistical inference, confidence intervals, and hypothesis tests with application in the real world.

CLASS: FINANCIAL MATH
CREDIT: 1
PREREQUISITE: GEOMETRY & ALGEBRA II
CLASS LEVEL: 11-12

This class is for those students that are looking at going directly into the workforce following high school graduation. Connecting practical mathematical concepts to personal and business settings. Financial Math offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data.

CLASS: ADVANCED MATH
CREDIT: 1
PREREQUISITE: GEOMETRY & ALGEBRA II
CLASS LEVEL: 11-12

This course is designed to be the final high school mathematics course before college for senior students or a prerequisite for students planning to take Introduction to Calculus. For students considering science, mathematics, engineering, or related majors, this class is a must. Included is enough trigonometry to constitute a precalculus course in trigonometry and the circular functions. Statistical and algebraic concepts are included, as well as a preview of calculus in work with functions and limits. Graphing calculators will be used extensively and **are required** for all students.

CLASS: INTRODUCTION TO CALCULUS
CREDIT: 1

PREREQUISITE: ADVANCED MATH
CLASS LEVEL: 11-12

This is the capstone of the mathematics sequence. This course serves as a thorough introduction to college calculus. Topics covered include limits, derivatives and their applications, integrals, definite integrals, and applications of integrals. This course is recommended for students who will need one or more calculus courses in college.

CLASS: COLLEGE ALGEBRA
CREDIT: 1 – DUAL CREDIT W/GCCC (3 college credits per year)
PREREQUISITE: GEOMETRY & ALGEBRA II & 263 ON THE ACCUPLACER TEST AT GCCC
CLASS LEVEL: 11-12

This course is designed to prepare students for further work in mathematics and to fulfill a general education mathematics requirement for those students seeking a college degree. The course assumes that the student is proficient in basic algebra and arithmetic manipulative skills. The emphasis of the course is a study of functions (including exponential, logarithmic, polynomial, and rational functions), their properties and graphs. Problem work involving the use and analysis of functions is emphasized.

This is a year-long class, with only the second semester being the official College Algebra enrollment. Students must qualify for this class through the Accuplacer placement test given at GCCC. Students should NOT enroll with GCCC until the end of the first semester. Students must take both semesters. This schedule allows for more study time in class, and increased student participation. The final exam will be scheduled early in May, during GCCC Finals Week.

SOCIAL SCIENCE

CLASS: INTRO TO GOVERNMENT & PUBLIC ADMINISTRATION
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 9-12

This course will introduce students to the knowledge and skills of serving the general public in a variety of occupations. Topics will include identifying personal strengths and weaknesses and setting career goals, leadership, teamwork and problem solving, analyzing leadership roles and identifying leadership opportunities within the school.

CLASS: PSYCHOLOGY
CREDIT: 1/2
PREREQUISITE: NONE
CLASS LEVEL: 11-12

This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphasis will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.

CLASS: WORLD HISTORY
CREDIT: 1/2 or 1
PREREQUISITE: NONE
CLASS LEVEL: 10-12

Our present culture owes a great deal to past world events. We will trace the events and ideas that have most impacted Western Civilization from the Global Age of Exploration to the present day. By tracing the historical significance of each period, students will better understand the commanding forces that influenced the development

and the shaping of our present western world. The following topics will be discussed: Religion, Renaissance, Reformation, Age of Exploration, Scientific Revolution, Enlightenment, American & French Revolutions, Industrialization, Imperialism, World War I, World War II, and the Cold War.

CLASS: AMERICAN HISTORY
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 10/11

The study of American History of the United States from the Industrial Revolution through Vietnam is surveyed. Teaching is varied by using individual student projects, movies, maps, recordings, simulations, pictures, and other multimedia programs. Everything is done to make the study of American History relevant for the students as they develop a broader understanding and appreciation of their own heritage.

CLASS: GOVERNMENT & PUBLIC ADMINISTRATION FUNDAMENTALS
CREDIT: 1/2
CLASS LEVEL: 11/12

This course will look at meeting the needs of the U.S. culture through positions within Government and Public Administration. Topics will include the role of government in providing services for the US population, the impact of the US on other nations as well as the impact of other nations of the US, and the professional traits required of those in this field. In addition, it will look at the problem solving and critical thinking processes, and leadership and teamwork practices.

BUSINESS

CLASS: COMPUTER APPLICATIONS
CREDIT: 1 (GRADUATION REQUIREMENT)
PREREQUISITE: NONE
CLASS LEVEL: 9-12

Students will learn the skills to demonstrate their knowledge of computer technology as it relates to the educational environment and to today's workplace. Students will be able to demonstrate the use of software applications including, but not limited to; word processing (MS Word), spreadsheets (MS Excel), database management (MS Access), presentation development (MS PowerPoint), graphic design— Adobe In-Design, Adobe Photoshop, and Adobe Illustrator (Creative Cloud Suite) and web page design (Adobe Dreamweaver). Near the end of the 2nd semester, students will be expected to demonstrate basic knowledge of all of these applications in a comprehensive "Final Project" assignment.

CLASS: CONSUMER AND PERSONAL FINANCE / ECONOMICS
CREDIT: 1/2 (2nd semester)
PREREQUISITE: NONE
CLASS LEVEL: 11-12

Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

CLASS: BUSINESS ESSENTIALS (PA)
CREDIT: 1/2

PREREQUISITE: NONE
CLASS LEVEL: 9-12

This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities.

CLASS: ACCOUNTING 1 (PA)
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 10-12

Accounting I covers principles and procedures necessary for entry level employment in the accounting field. The course includes an introduction to the entire accounting cycle, as well as basic principles, concepts, and procedures of accounting needed by students for both business and personal applications such as managing a checking account and filing tax returns. Students will use Glencoe Accounting—Real World Applications and Connections Ebook curriculum to advance their skills in basic accounting principles and applications.

CLASS: ACCOUNTING II (PA)
CREDIT: 1
PREREQUISITE: ACCOUNTING 1
CLASS LEVEL: 11-12

This course builds on the basic accounting concepts and procedures learned in Accounting I. It is designed to give students an opportunity to acquire a more thorough knowledge of the techniques used in solving business related problems. Attention is focused on the uses made of accounting data and includes the following areas: departments, payrolls, partnerships, and corporations. A unit on QuickBooks Version 13 will also be included to allow students to become familiar with this computerized accounting software application.

CLASS: ENTREPRENEURSHIP (PA)
CREDIT: 1/2
PREREQUISITE: COMPUTER APPLICATIONS
CLASS LEVEL: 10-12

Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

DIGITAL MEDIA

CLASS: DIGITAL MEDIA TECHNOLOGY-INTRO (PA)
CREDIT: 1/2 (1st semester)
PREREQUISITE: NONE
CLASS LEVEL: 9-12

Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital imaging and video today and in the future, a study of the relationship of workflow to project planning and completion and the software, equipment and tools used in the industry.

CLASS: AUDIO/VIDEO PRODUCTION FUNDAMENTALS (PA)
CREDIT: 1/2 (2nd semester)
PREREQUISITE: NONE
CLASS LEVEL: 9-12

Audio Video Production Fundamentals provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production and post-production process, as well as exploring the equipment and techniques used to develop a quality audio video product.

CLASS: BROADCASTING TECHNOLOGY (PA)
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-12

Broadcasting Technology will cover sports broadcasting, live streaming and TV operations teaching students the basics of sports broadcasting and what is involved in the making of a sporting event. It will teach them how live streaming events are set up and produced. It will give students an understanding of how to set up programming and scheduling for our local TV station that is classroom operated. Students will be able to work on the art of sports broadcasting and given the opportunity to do color in live streaming events if they want to try. Doing color is not something that would be mandatory though. Students will also be involved in our live streaming that we do but would be required to work at all the games that we stream. Depending on the amount of students in the class, this may be a rotating assignment. This will be determined later. Some graphics design would be learned to help with making our programs more professional looking. Students will also be working on scheduling and putting in videos to our BBN TV station that is run by our classroom.

CLASS: 21ST CENTURY JOURNALISM (PA)
CREDIT: 1/2
PREREQUISITE: DIGITAL MEDIA INTRO & AUDIO/VIDEO FUNDAMENTALS
CLASS LEVEL: 10-12

21ST Century Journalism promotes the development of the skill set needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as the ethical and legal issues related to the field.

CLASS: PHOTO IMAGING (PA)
CREDIT: 1/2
PREREQUISITE: DIGITAL MEDIA INTRO & AUDIO/VIDEO FUNDAMENTALS
CLASS LEVEL: 10-12

Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images.

CLASS: VIDEO PRODUCTION (PA)
CREDIT: 1
PREREQUISITE: AUDIO/VIDEO PRODUCTION FUNDAMENTALS
CLASS LEVEL: 10-12

Video Production applies the technical skills learned in Audio Video Production Fundamentals by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of this course but the experience of the entire process is, including planning the presentation, setting up the studio (if applies), acting as the videographer, and editor to make it fluid and seamless.

CLASS: DIGITAL MEDIA DESIGN & PRODUCTION (PA)
CREDIT: 1
PREREQUISITE: DIGITAL MEDIA TECHNOLOGY-INTRO
CLASS LEVEL: 10-12

Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques learned in the Digital Media Technology course through the production of a multimedia project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital format.

INDUSTRIAL TECHNOLOGY

CLASS: DRAFTING/INTRODUCTION TO INDUSTRIAL TECHNOLOGY (PA)
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-12

The first semester will be an introductory course designed to expose students to both architectural and mechanical (technical) drafting skills. Second semester will be an introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing and Transportation areas.

CLASS: CABINETMAKING AND FURNITURE DESIGN I (PA)
CREDIT: 1
PREREQUISITE: DRAFTING/INTRODUCTION TO INDUSTRIAL TECHNOLOGY
CLASS LEVEL: 10-12

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in Woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes.

CLASS: CABINETMAKING AND FURNITURE DESIGN II (PA)
CREDIT: 1 (possible dual credit with NWKTC)
PREREQUISITE: CABINETMAKING AND FURNITURE DESIGN I
CLASS LEVEL: 11-12

An advanced level application course designed to provide students with experience in constructing cases, cabinets, counters, furniture and interior woodwork.

CLASS: RESEARCH AND DESIGN IN BUILDING TRADES (PA)
CREDIT: 1
PREREQUISITE: CABINETMAKING AND FURNITURE DESIGN II

CLASS LEVEL: 11-12

These courses cover specific aspects of building construction or carpentry. All coursework focuses upon a particular skill or set of skills related to one subtopic, such as floor framing, wall and partition framing, interior finishing, or exterior finishing.

CLASS: RESIDENTIAL CARPENTRY I (PA)
CREDIT: 1 (possible dual credit with NWKTC)
PREREQUISITE: DRAFTING/INTRODUCTION TO INDUSTRIAL TECHNOLOGY
CLASS LEVEL: 10-12

Construction—Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

CLASS: RESIDENTIAL CARPENTRY II (PA)
CREDIT: 1 (possible dual credit with NWKTC)
PREREQUISITE: RESIDENTIAL CARPENTRY I
CLASS LEVEL: 11-12

An advanced comprehensive course designed to instruct students in skills pertaining to rough construction and finish work.

CLASS: DRAFTING/CAD (PA)
CREDIT: 1
PREREQUISITE: DRAFTING/INTRODUCTION TO INDUSTRIAL TECHNOLOGY
CLASS LEVEL: 10-12

Frequently offered as an intermediary step to more advanced drafting courses (or as a concurrent course), CAD Design and Software courses introduce students to the computer-aided drafting systems available in the industry.

CLASS: ARCHITECTURAL DESIGN (PA)
CREDIT: 1
PREREQUISITE: DRAFTING/CAD
CLASS LEVEL: 11-12

A comprehensive course designed to instruct students in the basic skills of architectural design with a particular emphasis on residential and light commercial applications.

CLASS: RESEARCH AND DESIGN FOR PRE-CONSTRUCTION (PA)
CREDIT: 1
PREREQUISITE: ARCHITECTURAL DESIGN
CLASS LEVEL: 11-12

An advanced research and application course covering specific topics in design and pre-construction to include management and “green design” skills.

CLASS: DESIGN/DISCOVERY/ELECTRIC CAR (PA)
CREDIT: 1
PREREQUISITE: INSTRUCTOR APPROVAL (Mr. Thornburg)
CLASS LEVEL: 10-12

This class is for students to work on the electric car project which takes the project from the level of the idea through the drafting and finally the fabrication stages of development.

AGRICULTURE

CLASS: INTRO TO AGRICULTURE (PA)
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9 (10 WITH INSTRUCTOR PERMISSION)

Introduction to Agriculture courses survey a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). These courses serve to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere. They often focus on developing communication skills, business principles, and leadership skills.

CLASS: AGRI-SCIENCE (PA or Science credit)
CREDIT: 1
PREREQUISITE: NONE
CLASS LEVEL: 9-11

This course enhances the comprehension of agricultural science and includes the study of soils, plants, animals, food science, and supervised agricultural experiences. The students will learn about the different breeds of livestock, plant production, and agricultural construction. The student will also develop leadership qualities and will discover career opportunities in agriculture. This course allows students to compete in FFA leadership and judging activities.

CLASS: ANIMAL SCIENCE AND INDUSTRY (PA or Science credit)
CREDIT: 1
PREREQUISITE: AGRI-SCIENCE
CLASS LEVEL: 10-12

Animal Production/Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study.

CLASS: AGRIBUSINESS (PA) - Offered every other year.
CREDIT: 1
PREREQUISITE: AG SCIENCE AND PLANT/SOIL SCIENCE OR ANIMAL SCIENCE OR AG FOOD SCIENCE
CLASS LEVEL: 10-12

Agribusiness Management courses provide students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. These courses may cover topics such as economic principles, budgeting, risk management, finance, business law, marketing and promotion strategies, insurance, and resource management. Other possible topics include developing a business plan,

employee/employer relations, problem-solving and decision-making, commodities, and building leadership skills. These courses may also incorporate a survey of the careers within the agricultural industry.

CLASS: **AGRICULTURAL WELDING (PA)**
CREDIT: **1**
PREREQUISITE: **NONE**
CLASS LEVEL: **10**

Agriculture Welding courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; an introduction or review of electricity and power; and safety procedures.

CLASS: **AG FABRICATION (PA)**
CREDIT: **1 (dual credit GCCC)**
PREREQUISITE: **AGRICULTURAL WELDING**
CLASS LEVEL: **11-12**

Courses provide students with the skills & knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems, & storage facilities. In these courses, students typically study design, planning, & construction knowledge & skills (such as survey, carpentry, plumbing, concrete, & electrical systems), in addition to the safe operation of tools and machines.

CLASS: **AG LEADERSHIP & COMMUNICATIONS (Offered every other year.)**
CREDIT: **1**
PREREQUISITE: **Ag Science and Animal Science or Plant and Soil Science or Ag Food Science**
CLASS LEVEL: **10-12**

Agricultural Leadership and Communication class will provide students with the information and skills necessary for becoming leaders in today's agriculture industry. The course will focus on many areas of leadership including public speaking, parliamentary procedure, time management, communication and effective record keeping. Focus will also be directed at filling out and maintaining record books for the purpose of tracking students SAE and also preparation for various FFA Career Development Events.

FAMILY AND CONSUMER SCIENCES

CLASS: **INTRODUCTION TO FAMILY AND CONSUMER SCIENCES (PA)**
CREDIT: **1**
PREREQUISITE: **NONE**
CLASS LEVEL: **9-12**

Introduction to Family and Consumer Sciences offers a look into the many occupations (paid and unpaid) linked to providing for the basic needs of children, individuals and families. Occupations will include nutrition educator, child care provider, social worker, foster parent, credit counselor, geriatric care provider, senior citizen care director, food service provider, restaurant manager, culinary artists, interior/textile designer, event planner and family and consumer sciences teacher.

CLASS: **HUMAN GROWTH AND DEVELOPMENT A (PA)**

CREDIT: 1/2 (1st semester)
PREREQUISITE: INTRO TO FACS
CLASS LEVEL: 10-12

Human Growth and Development A provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

CLASS: HUMAN GROWTH AND DEVELOPMENT B (PA)
CREDIT: 1/2 (2nd semester)
PREREQUISITE: INTRO TO FACS
CLASS LEVEL: 10-12

Human Growth and Development B provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age and information on the occupations associated with meeting the needs of people. In addition, this course helps students discover how individuals respond to the various stages of the life span, with a strong tie to teen years, adulthood and later years.

CLASS: NUTRITION AND WELLNESS (PA)
CREDIT: 1/2 (1st semester)
PREREQUISITE: NONE
CLASS LEVEL: 10-12

Health and Life Management courses focus as much on consumer education topics (such as money management and evaluation of consumer information and advertising) as on personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, disease prevention, and first aid). Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies. This course also includes how to read and use a recipe.

CLASS: CULINARY ESSENTIALS (PA)
CREDIT: 1/2 (2nd semester)
PREREQUISITE: NONE
CLASS LEVEL: 10-12

These courses provide students with knowledge and skills related to sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production) and meal planning and presentation. It may also include skills as related to institutional and commercial food service, management and customer service.

CLASS: FAMILY STUDIES
CREDIT: 1/2
PREREQUISITE: INTRO TO FACS
CLASS LEVEL: 10-12

Family Studies courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

CLASS: FOOD SCIENCE
CREDIT: 1
PREREQUISITE: AG SCIENCE or COMPUTER APPS
CLASS LEVEL: 10-12

This course provides students an opportunity to explore scientific principles of food preparation and processing. Evaluation techniques will be used to compare a wide variety of food products. Students will also explore career opportunities and research current events in the food science field.

PHYSICAL EDUCATION

CLASS: LIFETIME HEALTH & FITNESS
CREDIT: 1 (GRADUATION REQUIREMENT)
PREREQUISITE: NONE
CLASS LEVEL: 9

It is a state requirement that all high school students have P.E./Health in order to graduate from high school. It is recommended that this class be taken as a freshman. Students must have a doctor's permit to be exempt from this class requirement. The P.E. curriculum is designed to provide young adults with the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course include: Health-Related Fitness, Lifetime Physical Activity, and Health/Wellness Concepts and Skills. Examples of activities which may be covered are: volleyball, basketball, soccer, archery, tennis, flag football, and other team sports and recreational games.

CLASS: RECREATIONAL SPORTS
CREDIT: 1
PREREQUISITE: PHYSICAL EDUCATION/HEALTH (and Instructor Permission)
CLASS LEVEL: 10-12

Recreational Sports will cover activities that are considered lifetime activities. They may include: cardiovascular health, tennis, golf, etc. Students are expected to dress out and participate every day.

CLASS: CO-ED STRENGTH TRAINING
CREDIT: 1
PREREQUISITE: PHYSICAL EDUCATION/HEALTH
CLASS LEVEL: 9-12

This is not a typical physical education class. It is only for those individuals who truly want to improve their athletic potential through a systematic program of strength development. To participate, one must be physically able and willing to work a full range of exercises prescribed for all parts of the body. Exceptions can be made for any temporary injury or impairment and alternative exercises may be prescribed to facilitate rehabilitation. No enrollee will be exempt from any part of the program indefinitely. The overall program will also emphasize the development of flexibility, speed, agility, and conditioning through a variety of testing methods. Speed enhancement will be developed through plyometrics and bounding. Cardiovascular endurance will be developed through different aerobic workouts. Olympic style lifting will be used. The grade is based on individuals' daily participation and percentage gains between testing periods. As with other classes, no student will be permitted to miss more than 15% of the total days in the semester and receive credit. Since this is a participation class, not dressing out for and participating in class will be considered equivalent to being absent. Therefore if the combined number of days absent, plus those days that a student does not participate in class exceeds 13, the student will receive no credit for that semester and will not be allowed to enroll in the class for the following semester.

CLASS: ADVANCED COED STRENGTH TRAINING
CREDIT: 1
PREREQUISITE: PHYSICAL EDUCATION/HEALTH AND COED STRENGTH TRAINING
CLASS LEVEL: 10-12 (instructor permission needed)

This is not a typical physical education class. It is only for those individuals who truly want to improve their athletic potential through a systematic program of strength development. To participate, one must be physically able and willing to work a full range of exercises prescribed for all parts of the body. Exceptions can be made for any temporary injury or impairment and alternative exercises may be prescribed to facilitate rehabilitation. No enrollee will be exempt from any part of the program indefinitely. The overall program will also emphasize the development of flexibility, speed, agility, and conditioning through a variety of testing methods. Speed enhancement will be developed through plyometrics and bounding. Cardiovascular endurance will be developed through different aerobic workouts. Olympic style lifting will be used. The grade is based on individuals' daily participation and percentage gains between testing periods. As with other classes, no student will be permitted to miss more than 15% of the total days in the semester and receive credit. Since this is a participation class, not dressing out for and participating in class will be considered equivalent to being absent. Therefore, if the combined number of days absent, plus those days that a student does not participate in class exceeds 13, the student will receive no credit for that semester and will not be allowed to enroll in the class for the following semester.

INTERNSHIPS & AIDES

Being an aide does NOT mean that you will have a study hall. You are expected to report to your assigned duties and perform whatever your supervisor has planned for you for that day. You may only have 1 aide period each year.

CLASS: ELEMENTARY AIDE
CREDIT: 1/2 OR 1
PREREQUISITE: APPROVAL FROM SCES PRINCIPAL
CLASS LEVEL: 12

Students who wish to learn more about the activities and duties of a teacher on a daily basis are good candidates for elementary school aides. Students must be responsible and reliable as the teachers and young children depend on them. Elementary school aides will be graded on their attendance and their cooperation with their teachers. The duties of an Elementary Aide will be helping elementary teachers and students in various ways. A signed note from the SCES principal must accompany the pre-enrollment form.

CLASS: SCHS PEER TEACHER
CREDIT: 1/2 OR 1
PREREQUISITE: INSTRUCTOR/ADMINISTRATOR PERMISSION
CLASS LEVEL: 12

This class is different from the traditional aide class. Students enrolled as a peer teacher will assist the regular classroom teacher in tutoring students. Students must have shown exceptional academic ability in the content area in which they are assigned to. Respect and responsibility is a must for the peer teacher. A signed note from the instructor and SCHS principal must accompany the pre-enrollment form.

CLASS: TEACHER AIDE
CREDIT: 1/2 OR 1
PREREQUISITE: INSTRUCTOR PERMISSION
CLASS LEVEL: 12

Each teacher will be allowed only **ONE** aide per year. The duties of the student aide are many and varied from teacher to teacher. Aides are expected to report directly to the classroom teacher for instructions each day. This is

not intended to be a study hall, and both teachers and students need to be mindful of this. Aides will be graded on their attendance, cooperation in doing the work assigned, and respect toward the teacher and other students in the class. A signed note from the teacher must accompany the pre-enrollment form.

CLASS: OFFICE AIDE
CREDIT: 1/2 OR 1
PREREQUISITE: TRUSTWORTHY AND APPROVAL BY PRINCIPAL OR OFFICE STAFF
CLASS LEVEL: 12

The duties of the student office aide are many and varied. There will be a limited number of aide positions to fill and the office staff will choose who will be allowed to serve as an aide based upon past attendance, discipline, demonstration of responsibility, and willingness to work.

MISC. COURSE OFFERINGS

CLASS: COLLEGE MEDICAL TERMINOLOGY (PA)
CREDIT: 1/2
PREREQUISITE: NELSON –DENNY READING TEST
CLASS LEVEL: 11-12 (DUAL CREDIT ONLY AVAILABLE FOR 11-12)

This 8 week course includes the study of prefixes, suffixes, root words and vocabulary including pronunciation, meaning and spelling related to areas of nursing and medical sciences. It is designed to enhance the knowledge and comprehension of nursing and medical terms for the paraprofessional health worker and others employed in nursing homes, hospitals, doctor's offices, medical records, etc. Three hours of lecture-discussion per week.

CLASS: CERTIFIED NURSE AIDE (PA)
CREDIT: 1/2
PREREQUISITE: NELSON-DENNY READING TEST
CLASS LEVEL: 11-12 (DUAL CREDIT ONLY AVAILABLE FOR 11-12)

This 8 week course will address areas such as First Aid and CPR training. Certified Nurses' Aide training will include a minimum of 45 hours of clinicals. Students will be responsible for such items as books, a set of scrubs, and other personal items (such as a watch with a second hand). Certification test fees will apply to this class.

CLASS: WORK STUDY
CREDIT: 1/2 (2nd Semester)
PREREQUISITE: NONE
CLASS LEVEL: 12

The Work Study course is offered only to Seniors in high school. Senior Work Study must have job performance competencies showing relationship to an enrolled class (according to the state OJT guidelines). Work Study is considered part of the school day and all school rules apply. The student is expected to find his/her own job for the Work Study course. Scott Community High School will not be responsible for finding employment for a student. The student may not be self-employed. The student may not work for their parents or any immediate family member. High School credit shall be awarded for the Work Study course (according to the state OJT guidelines). OJT guidelines state that one hour of classroom instruction is equal to one hour of work. For example, if a student is enrolled in two periods of Work Study per day, they would be expected to report for 10 hours of work for the week. The program shall be organized and maintained so that students are under the direction and supervision of the school. The Work Study program would fall under the same guidelines as any other class offered at Scott Community High School regarding enrollment, attendance, absenteeism, and conduct. On the job attendance

records will be reported by the student to the principal(s) or counselor. The student will be expected to turn in a weekly work schedule, an employer signed weekly time card, and a copy of the student's pay stub. The school principal(s) will make quarterly visits/phone calls to the job-site. The school will make contact with the employer at the beginning of the semester to set expectations. The school principal will conference with the employer at the end of the semester or school year or whenever the high school credit is complete. If at any time, the student is released from duties/fired from their job, they will be immediately enrolled in an on-campus class at Scott Community High School. **Work Study courses can only begin within the first 5 days of each semester. A Work Study course cannot begin in the middle of the semester or at the quarter.** All sections above shall meet the Fair Labor Standards Act (FLSA) and Kansas State Department Education (KSDE) requirements.

DUAL CREDIT CLASSES

CLASS:	DUAL CREDIT COURSES
CREDIT:	VARIES (HS AND/OR COLLEGE CREDIT)
PREREQUISITE:	PASS THE ACCUPLACER EXAM AT GCCC
CLASS LEVEL:	11-12 (OR WITH PRINCIPAL PERMISSION)

The following classes are typically offered through SCHS from various southwest Kansas community colleges and technical schools who work with SCHS to make such offerings available. The classes are offered only certain hours. Certain classes require qualifying exams before acceptance. The following classes will likely be offered in 2020-20201.dxc.

Dual Credit Courses:

College Algebra * (offered locally through GCCC)
College English I and II * (offered locally through GCCC)
Basic College Chemistry * (offered locally through GCCC)
College Public Speaking * (offered locally through GCCC)
College Medical Terminology * (offered locally through GCCC)
College Certified Nurse Aide * (offered locally through GCCC)
College General Psychology * (offered online through GCCC)
College Developmental Psychology * (offered online through GCCC)
College Intro to Sociology * (offered online through GCCC)
College Intro to Criminology * (offered online through GCCC)
Ag Fabrication (dual credit with GCCC)
Residential Carpentry I (possible dual credit with NWKTC)
Residential Carpentry II (possible dual credit with NWKTC)
Cabinetmaking and Furniture Design II (possible dual credit with NWKTC)

All online courses taken through GCCC must be scheduled within the students eight hour day with a proctor or classroom teacher.

SCHS Enrollment Guidelines

When enrolling a student:

1. Priority enrollment will be in the following order: Seniors, Juniors, Sophomores, and Freshmen. Once classes have been filled to capacity, a waiting list for that class will be started. Should room become available in the class at a later time, the waiting list will be used to fill the class on a first come (on list), first serve basis.
2. Each student must pre-enroll in eleven courses. Courses are to be listed in order of priority, i.e. first choice listed first, second choice listed second, etc.
3. Please pay special attention to course prerequisites and specific grade level for each course.
4. If a student has failed a course required for graduation, he/she must be enrolled in that course again. If there is a question, please do not hesitate to ask for more information.
5. Students may not take two English courses unless cleared through the Principal.

6. Online classes are available to seniors and qualifying juniors (with principal permission). Some of these classes will be for high school credit, for college credit, or both.
7. Schedules will be available only on enrollment days next fall.
8. Scott Community High School does not discriminate on the basis of race, color, sex, age, or national origin, or in the admission of, nor access to, any classes the student might choose to enroll in.

Quiz-Out Option for Students in Grade 9-12

Students in grades 9-12 in Unified School District #466 shall be afforded the opportunity to quiz-out of course work which may include, but not necessarily limited to, the areas of Science, English and Math. In order for the student to be afforded the quiz-out opportunity, the following guidelines and requirements must be understood and agreed to by all persons involved:

1. The specific course in which the quiz-out opportunity will be provided must have permission of the High School principal or his/her designated representative, the teacher of the course in which the quiz-out will be attempted, the student's parent/custodial guardian.
2. The quiz-out opportunity shall be limited to a maximum of two (2) courses during a school year.
3. If the quiz-out option is successfully completed by the student, he/she will be required to take another elective course, offered at Scott Community High School or an accredited Independent Study Course within the school setting. No more than two (2) Independent Study Course credits will be accepted toward graduation requirements.
4. The quiz-out test will be designed and formulated by the classroom teacher of the course to be attempted. The final score and grade will be determined by the classroom teacher. The amount of credit received will be determined by the high school principal.
5. In order to pass the quiz-out examination, the student must have a minimum grade of an "A". The letter grade "A" will be recorded on the transcript.
6. All attempted quiz-out examinations must be completed within the first five days of school.
7. Special Education students with an approved IEP for quiz out possibilities will supersede the above listed policy criteria.
8. **Only those incoming freshmen students that were recommended for Applied Biology/Chemistry will be allowed to quiz out of Physical Science.**

QUIZ-OUT REQUIREMENTS FOR ENGLISH CLASSES

English I (Mrs. Gooden)

1. Write a five-paragraph essay with an interesting lead and a thesis statement in the introduction, and a restatement of the thesis in the conclusion, with organized ideas and thoughts, showing mastery of conventions and word usage.
2. Pass a reading test over the material below:

Novels—a variety of novels, including Jacob Have I Hated, Finnikin of the Rock, The Curious Incident of the Dog in the Nighttime, Swiss Family Robinson, Summer of My German Soldier, Les Miserables

Plays—Romeo and Juliet

Elements of Literature and Elements of Language are the primary textbooks used in the classroom. We also cover figurative language, story/plot elements, sentence types, main ideas, and logic/reasoning/evaluation.

Syllabus—includes critical thinking, book reviews (Independent Reading), Literature Circles/Book Talks, Research over a career- includes learning in-text citations and Works Cited pages, creative writing, reading short stories/non-fiction, vocabulary, grammar, writing paragraphs and 5-paragraph essays, and testing includes CRT and MAP testing at the beginning and end of school.

English II (Mrs. Geist)

1. Write a five-paragraph essay with an interesting lead and a thesis statement in the introduction, and a restatement of the thesis in the conclusion, with organized ideas and thoughts, showing mastery of conventions and word usage.
2. Pass a reading test over the material below:

Novels—the Lord of the Flies (by William Golding), and To Kill a Mockingbird (by Harper Lee)

Plays—Macbeth (by William Shakespeare)

Syllabus—we read several short stories, study grammar, figurative language, and vocabulary in addition to the Novels and Plays listed above.

English III (Mrs. Wasinger)

1. A five page research paper in **MLA format** is required for this class. Please use a topic garnered from reading The Great Gatsby. It should deal with America in the 1920's and **focus on the American Dream**. Five to seven sources are required for the paper and should be listed on a works cited page.
2. Be prepared to analyze poetry as well as stories, novels and speeches. Be familiar with common themes, character traits, symbolism, imagery, allegory. Be prepared to answer essay and discussion questions found on Shmoop.com.
3. I use in class writing to determine what students are lacking in the grammar arena, then assign exercises from www.chompchomp.com to give them guidance and practice in grammar.

Novels—the Scarlet Letter, O Pioneers! and The Great Gatsby

Plays—Twelfth Night

From Lit Text:

1. **Encounters and Foundations to 1800:** Jonathan Edwards, Ben Franklin (Autobiography and Poor Richard's Almanac), Patrick Henry, Thomas Paine, Thomas Jefferson
2. **American Romanticism 1800-1860:** The Devil and Tom Walker, text by Emerson (Self Reliance) and Thoreau, The Raven, Poe
3. **American Masters:** Whitman, Dickinson (all poetry in text)
4. **The Rise of Realism—Civil War to 1914:** Time Line, The Celebrated Jumping Frog of Calaveras County, To Build a Fire, A Pair of Silk Stockings, The Gettysburg Address
5. **The Moderns:** Earnest Hemingway

English IV (Mrs Trout)

Take the Accuplacer Test through GCCC for placement in College English I and II.