

Goessel Jr./Sr. High Course Catalog

Subject Area: Agriculture

Credits: 1

Prerequisite: none

Course Title: Exploratory Agriculture

Grade Level: 8

Students enrolled in Exploratory Agriculture will be exposed to the many facets of the agricultural industry. This course serves as a prerequisite for all other classes in the agricultural education program. Using a hands-on based curriculum students will explore each area of the agriculture sector including the following: animals, plants, wildlife, mechanics, communication, and economics. Students will have the opportunity to experience FFA and learn about its three main components. Developing a Supervised Agricultural Experience is a portion of this course as well as being a first year FFA member. Upon the completion of this course students will be prepared to enroll in any of the freshman level classes that are available. (Animal Science, Horticulture, Agricultural Mechanics)

Subject Area: Business

Credits: 1

Prerequisite: None

Course Title: Computer Applications

Grade Level: 8

Developing an understanding and practicing the functions of the Microsoft Office Suite is key to vocational and collegial success. Students enrolled in the course will learn the basics of word processing, spreadsheets, database management and presentation features using Microsoft Word, Excel, Access, and PowerPoint.

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: None

Course Title: Career & Life Planning

Grade Level: 8

Career & Life Planning introduces students to the skills and strategies helpful in becoming employable individuals. The main focus of this course is to allow students to explore various career choices and create a plan for achieving these goals. The course also includes a basic introduction to Family & Consumer Sciences including child care, food preparation, and a clothing construction project.

Subject Area: Language Arts

Credits: 1

Prerequisite: None

Course Title: 6th Grade Reading

Grade Level: 6

In our Reading class, we focus on improving our ability to read, understand, and respond to a variety of text types. We experience narrative, technical, persuasive, and expository texts throughout the year. All instruction is guided by the KS State 6th Grade Reading Standards (see www.ksde.org), and Goessel Junior High learning goals.

Subject Area: Language Arts

Credits: 1

Prerequisite: None

Course Title: 6th Grade Writing

Grade Level: 6

In our Writing class, we focus on improving our ability to organize and express our thoughts and understandings through a variety of text types. We consistently use the Five Steps of Writing (Prewrite, Rough Draft, Revise, Edit, Final Copy) and the Six Traits (Organization, Sentence Fluency, Ideas and Content, Voice, Word Choice, Conventions) as we compose throughout the year. All instruction is guided by the KS State 6th Grade Writing Standards (see www.ksde.org), and Goessel Junior High learning goals.

Subject Area: Language Arts

Credits: 1

Prerequisite: None**Course Title: 7th Grade Reading**

Grade Level: 7

In our Reading class, we focus on improving our ability to read, understand, and respond to a variety of text types. We experience narrative, technical, persuasive, and expository texts throughout the year. All instruction is guided by the KS State 7th Grade Reading Standards (see www.ksde.org), and Goessel junior high learning goals.

Subject Area: Language Arts

Credits: 1

Prerequisite: None**Course Title: 7th Grade Writing**

Grade Level: 7

In our Writing class, we focus on improving our ability to organize and express our thoughts and understandings through a variety of text types. We consistently use the Five Steps of Writing (Prewrite, Rough Draft, Revise, Edit, Final Copy) and the Six Traits (Organization, Sentence Fluency, Ideas and Content, Voice, Word Choice, Conventions) as we compose throughout the year. All instruction is guided by the KS State 7th Grade Writing Standards (see www.ksde.org), and Goessel Junior High learning goals.

Subject Area: Language Arts

Credits: 1

Prerequisite: None**Course Title: 8th Grade Reading**

Grade Level: 8

In our Reading class, we focus on improving our ability to read, understand, and respond to a variety of text types. We experience narrative, technical, persuasive, and expository texts throughout the year. All instruction is guided by the KS State 8th Grade Reading Standards (see www.ksde.org), and Goessel junior high learning goals.

Subject Area: Math

Credits: 1

Prerequisite: None**Course Title: 6th Math**

Grade Level: 6

This course is designed to get students ready for pre-algebra, algebra and geometry in their later middle school years. The math curriculum emphasizes computation and problem solving with rational numbers.

Subject Area: Math

Credits: 1

Prerequisite: 6th Math**Course Title: 7th Math**

Grade Level: 7

Students will learn to use mathematics in real world problem-solving activities. Content includes working with decimals, fractions, and percentages. It also includes integers and algebra, proportional relationships, and some geometry, measurement, and data analysis.

Subject Area: Math

Credits: 1

Prerequisite: 7th Math**Course Title: Pre-Algebra**

Grade Level: 8

Students will apply mathematics to real world problem-solving in every day life situations. Concepts include algebraic skills, geometric relationships, and data analysis. There will also be review of skills from Mathematics 7 that were not mastered. The main goal is to prepare these students for algebra.

Subject Area: Performing Arts

Credits: 1

Prerequisite: Beginning band or band director's permission**Course Title: Junior High Band**

Grade Level: 6-8

The junior high band emphasizes a developing level of musicianship through the study, rehearsal, and performance of recommended band literature. Performances include school concerts and the league music festival. JH band members may play with the high school pep band, but this is NOT a requirement of the class.

Subject Area: Performing Arts

Credits: 1

Prerequisite: none**Course Title: Junior High Choir**

Grade Level: 6-8

As a member of the Junior High Choir, students will perform a varied repertoire of choral repertoire, practice vocal technique, develop fundamental music skills, gain an understanding of music in relation to history and culture, and learn self-discipline by functioning as a responsible member of the ensemble. Emphasis is placed on learning part singing skills, sight singing skills, musical interpretation, The choir presents one concert each semester and participates in music festivals in the spring. Attendance at performances is required.

Subject Area: Physical Education

Credits: 1

Prerequisite: None**Course Title: JH Physical Education**

Grade Level: 6-8

This course is designed to provide students with the knowledge and skills needed to engage in a physically active, sports, and healthy lifestyle throughout life.

Subject Area: Science

Credits: 1

Prerequisite: none**Course Title: 6th Grade Science**

Grade Level: 6

Students will develop problem-solving and inquiry skills by participating in relevant hands-on class activities. Students will design experimental investigations using scientific processes. The course includes a balance of physical, life, health, earth/space, and environmental science concepts.

Subject Area: Science

Credits: 1

Prerequisite: None**Course Title: 7th Grade Science**

Grade Level: 7

7th grade science focuses on life science. It will include cell biology and metabolism, genetics, evolution, ecology and human biology. It will also include chemistry and physics reviews in preparation for the state assessment. This course includes a strong laboratory component, with formal and informal labs. Laboratory skills and lab safety will be emphasized.

Subject Area: Science

Credits: 1

Prerequisite: none**Course Title: 8th Grade Science**

Grade Level: 8

8th grade science focuses on earth science. It will include geology, earth's history and processes, weather and climate, oceanography and astronomy. It includes a strong laboratory component, with formal and informal labs. Laboratory skills and lab safety will be emphasized.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: American History**

Grade Level: 8

This course will review the history and development of the United States from the 1800-1900, American Revolution to Reconstruction. Emphasis will be placed on the Constitution, Westward expansion, American Presidents, Civil War and Reconstruction. Current events and awareness will also be stressed.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: Ancient Civilizations**

Grade Level: 6

This course studies world history and focuses on eastern civilization, world geography, and important nations. Students learn about other peoples' societies, their history, and their systems of economics and government.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: Kansas History/Geography**

Grade Level: 7

Seventh grade social studies is a combination of Kansas history and geography. Students will study the culture, lifestyles, key events, and important figures of Kansas history for one semester. The other semester of this course emphasizes basic geography concepts, map and globe skills, scale, direction, and themes of geography for the western hemisphere.

Subject Area: Visual Arts

Credits: 1

Prerequisite: None**Course Title: Intro To Technology**

Grade Level: 7-8

This is an entry level course that covers a wide range of the different aspects of technology. While there are several different topics touched on due to the change in technology, some of the core topics that have been a focus over the past few years include video editing (creating video yearbook/8th grade promotion), use of Google Docs, use of Microsoft Office, and increasing typing skills.

Subject Area: Agriculture

Credits: 1

Prerequisite: Exploratory Agriculture, Agricultural Mechanics**Course Title: Advanced Agricultural Mechanics**

Grade Level: 11-12

Students will building upon skills that they have acquired through passed completion of Agricultural Mechanics. They will be working with shielded metal arc welding, gas metal arc welding, tungsten inert gas, metal inert gas, oxyacetylene, and brazing. Units covering small engines, metallurgy, electricity, construction, and cement will round out the year. Students will complete skill welds and work on self designed projects. This is a great class for any student looking to expand their mechanical skills and prepare them for industry work or perfecting skills needed for farm labor. Students will be able to utilize these skills with the development of a supervised agricultural experience and use them in many agricultural competitions throughout the year.

Subject Area: Agriculture

Credits: 1

Course Title: Advanced Animal Science

Grade Level: 11-12

Prerequisite: Exploratory Agriculture, and Animal Science

Students who have taken Animal Science and Exploratory Agriculture are encouraged to dive deeper into the Animal Science sector of agriculture with this course. This course will spend time discovering veterinary medicine, dissections, meat production, companion animals, reptiles, and fish. Students will have hands on opportunities to learn more about animals, their systems and environment. Students with Supervised Agricultural Experiences in the animal sector could develop new ideas and technology to benefit them in their endeavors.

Subject Area: Agriculture

Credits: 1

Course Title: Advanced Horticulture

Grade Level: 11-12

Prerequisite: Exploratory Agriculture, and Horticulture

This course allows students who have taken Horticulture to get a more in depth look at the Horticulture industry. Students will be conducting research projects on plants, use different growing mediums, learn about Horticulture career options, and look farther into the plant life cycle. This class offers many hands on activities and projects to coincide with the material covered in lectures. Students interested in plants, food production, agronomy, or crop are encouraged to look at this course.

Subject Area: Agriculture

Credits: 1

Course Title: Agricultural Communications

Grade Level: 10-12

Prerequisite: Exploratory Agriculture

Through this course students will have the opportunities to develop their communication skills through a variety of venues. This course allows students to develop resumes, cover letters, APA writing skills, public speaking skills, print media, social media, website construction, as well as the importance of research and developing an opinion on controversial issues. Students will have practical experience that can directly relay to life following high school. This class constructs the monthly Bluebird that is distributed in the school as well. All components of this course can be used in a variety of career paths.

Subject Area: Agriculture

Credits: 1

Course Title: Agricultural Mechanics

Grade Level: 10-12

Prerequisite: Exploratory Agriculture

Within this course students will learn how to work and operate in our high school shop. Students will learn the basis of shielded metal arc welding, gas metal arc welding, metal inert gas welding, tungsten inert gas welding, oxyacetylene acetylene, and brazing. Students will complete skill welds and have the opportunity to develop their own project after completing work on blue print design. Units over small engines, electricity, and basic construction complete the course. This is a course that offers hands on experience on a daily basis and will provide you with skills that can be used in the industry or for your own need.

Subject Area: Agriculture

Credits: 1

Prerequisite: Exploratory Agriculture

Within the Animal Science course students will be exploring all concepts surrounding animal agriculture. This will include, genetics, nutrition, anatomy and physiology, marketing, management, products, and reproduction of various species. Students will have hands on experience with dissection, as well as working with live specimens throughout the year. Any student that has interest in developing a SAE around animals, or has an interest in an animal career should look at this course as a great stepping stone. Students will gain skills needed to become proficient in judging livestock, becoming an advocate for animal agriculture, and developing areas of their FFA and SAE experiences.

Course Title: Animal Science

Grade Level: 9-12

Subject Area: Agriculture

Credits: 1

Prerequisite: Exploratory Agriculture

This course allows wildlife enthusiasts to develop a deeper understanding of a variety of topics while also introducing new concepts to students with limited experience. This class covers a multitude of different topics from Hunter Safety, fishing, archery, soils, poisonous plants and animals, to all forms of wildlife and how they effect our environment. This class couples many hands on opportunities that allows students to try their hand at fishing, archery, survival skills, and plant identification among other activities. This is a great class for students who are interested in wildlife management that could lead into an exciting Supervised Agricultural Experience.

Course Title: Environmental Systems/Wildlife Science

Grade Level: 10-12

Subject Area: Agriculture

Credits: 1

Prerequisite: None

In the Food Science course, students will explore where their food comes from and how it is processed and packaged. There will be several food-based experiments to discover scientific principles that are present in our food. This course is co-taught by Ms. Manche and Mrs. Bergin so students will learn both the agricultural and consumer connections of food science.

Course Title: Food Science

Grade Level: 9-12

Subject Area: Agriculture

Credits: 1

Prerequisite: Exploratory Agriculture

In this course students will be exploring the life cycle of plants. Coupled with hands on activities students will experience floral design, greenhouse management, turf grass management, basic plant structure, soils, and a multitude of other plant industry topics. Students will be responsible for working in the greenhouse and doing some landscaping. Any student interested in being outdoors and learning more about plant life should take a look at this class. Students will receive practical experience with plant production and maintenance that can easily be a transition into a productive Supervised Agricultural Experience.

Course Title: Horticulture

Grade Level: 10-12

Subject Area: Business

Credits: 1

Prerequisite: None**Course Title: Accounting**

Grade Level: 9-12

This course will introduce you to accounting and the concepts, principals, cycle, and equation that is fundamental to initial understanding. It provides the skills, knowledge, and attitudes necessary to conduct personal business or to further your education in the field of accounting. Whether you go into a career or business or not, this class helps you understand what it takes to be financially stable and make informed financial decisions. By the end of the class, students will be able to answer the question; "what do the numbers actually mean?"

Subject Area: Business

Credits: 1

Prerequisite: Accounting**Course Title: Advanced Accounting**

Grade Level: 10-12

The course provides the student with an opportunity to review, apply, and further develop the basic accounting principles learned in Accounting I. Accounting II covers these concepts more in-depth and introduces other concepts that help prepare students for employment and/or college. Skills and abilities developed in this course include: critical thinking, communication, effective decision making, and teamwork.

Subject Area: Business

Credits: 0.5

Prerequisite: None**Course Title: Banking & Finance**

Grade Level: 9-12

This course provides students with an overview of the American monetary and banking system as well as types of financial institutions and the services and products that they offer. Course content includes government regulations; checking, savings, and money market accounts; loans; and investments. Student's interested in careers in banking, business ownership, management, and related careers should take this class.

Subject Area: Business

Credits: 0.5

Prerequisite: None**Course Title: Business Essentials**

Grade Level: 9-12

This introductory course is designed to give students an overview of basic business concepts and provides the content needed to ensure financial literacy. No matter what your future holds, this class is a must-have. Students will examine current events to determine their impact of business and industry and legal and ethical issues. Students will identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of businesses, they will analyze business practices to determine ethical and social responsibilities.

Subject Area: Business / Technology

Credits: 1

Prerequisite: None**Course Title: Computer Applications**

Grade Level: 9-12

Developing an understanding and practicing the functions of the Microsoft Office Suite is key to vocational and collegial success. Students enrolled in the course will learn the basics of word processing, spreadsheets, database management and presentation features using Microsoft Word, Excel, Access, and PowerPoint.

Subject Area: Business

Credits: 0.5

Prerequisite: None**Course Title: Entrepreneurship**

Grade Level: 9-12

Entrepreneurship will acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics will include 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. Students will develop these skills through a hands-on classroom experience and contact with actual business owners.

Subject Area: Business

Credits: 0.5

Prerequisite: Banking & Finance

Course Title: Investing

Grade Level: 9-12

This course emphasizes the formulation of business and individual investment decisions by looking at the different investments decisions we face throughout life. Whether you're investing in your education, a life insurance plan, or hoping to retire at an early age, this class takes a practical look at the numbers and informs students about the important decisions that await. Another must have before you graduate!

Subject Area: Business

Credits: 1

Prerequisite: Computer Applications

Course Title: Interactive Media

Grade Level: 10-12

In a technology driven society, developing an understanding of social media, web 2.0, digital communication, digital design, and the various elements that influence the use and success of each of these areas is critical to being a productive and ethical citizen. Students who enjoy designing, editing, creating, publicizing, and promoting will excel in this course. Students will be challenged to improve communication skills, implement creative thinking, work successfully within a team as well as an individual, and demonstrate an ability to solve problems. More so, this class provides students with an opportunity to develop and apply reading, writing, research, and listening skills in personal and relevant ways.

Subject Area: Business

Credits: 1

Prerequisite: Computer Applications

Course Title: Web Page Design

Grade Level: 9-12

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: None

Course Title: Apparel Design

Grade Level: 9-12

Apparel Design will focus on the fundamentals of the fashion industry including wardrobe planning, fashion design, careers in fashion, and basics of clothing construction. Clothing construction projects will be a major component of the course.

Subject Area: Family and Consumer Science

Credits: 1

Prerequisite: 2 credits of FACS Courses

Career & Community Connections provides students with work experience in any field relating to the community. Students gain important job skills throughout the year-long experience. This course will include classroom activities as well including discussion about what the student encounter in the workplace. (75% Field Experience; 25% Classroom Activities)

Course Title: Career & Community Connections

Grade Level: 11-12

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: None

Consumer & Personal Finance explores how to manage finances in a time of economic uncertainty. Students will cover topics such as savings, credit, insurance, taxes, budgeting, and consumer rights. The course will include a financial simulation for students to gain experience in balancing a checking account.

Course Title: Consumer & Personal Finance

Grade Level: 9-12

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: Career & Life Planning

Culinary Essentials will provide students with the basics of the restaurant business including: cooking tools, cooking techniques, food safety practices. The course will include foods labs as well as classroom experiences. This is the pre-requisite course for Culinary Arts.

Course Title: Culinary Essentials

Grade Level: 9-12

Subject Area: Family and Consumer Science

Credits: 1

Prerequisite: 2 credits of FACS Courses

Early Childhood Applications provides students with work experience in fields related to caring for others. Goals are set cooperatively by the student, teacher, and employer. This course will include classroom activities as well including discussion about what the student encounter in the workplace. (75% Field Experience; 25% Classroom Activities)

Course Title: Early Childhood Applications

Grade Level: 11-12

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: Career & Life Planning

Course will include an understanding of careers in the Event Planning & Management industry. Students will learn how to work with vendors and customers, create a work schedule, and compare items to create the most profitability for an event. Final project involves planning and carrying out a large-scale event (ex: meal for an awards night).

Course Title: Event Planning & Management

Grade Level: 9-12

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: None

Family Studies emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. This course will emphasize topics such as social/dating practices, marriage preparation, parenthood, functions of the family unit, and various stages of life.

Course Title: Family Studies

Grade Level: 9-12

Subject Area: Family and Consumer Science

Credits: 1

Prerequisite: None**Course Title: Food Science**

Grade Level: 9-12

In the Food Science course, students will explore where their food comes from and how it is processed and packaged. There will be several food-based experiments to discover scientific principles that are present in our food. This course is co-taught by Ms. Manche and Mrs. Bergin so students will learn both the agricultural and consumer connections of food science.

Subject Area: Family and Consumer Science

Credits: 1

Prerequisite: None**Course Title: Foundations to Early Childhood Development**

Grade Level: 9-12

Foundations to Early Childhood Development provides students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to preschool age, emphasizing the application of the knowledge in child care settings. Students will learn basics of becoming employable in a child care facility.

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: None**Course Title: Human Growth & Development**

Grade Level: 9-12

Human Growth & Development provides students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age. In addition this course helps students discover how individuals respond to the various stages of the life span.

Subject Area: Family and Consumer Science

Credits: 0.5

Prerequisite: None**Course Title: Nutrition & Wellness**

Grade Level: 9-12

Nutrition & Wellness focuses on personal health topics such as nutrition and exercise and how these should be utilized throughout the lifespan. Students will learn basic cooking skills and will complete a variety of cooking labs. How to make wise nutritional and wellness choices to develop a healthy self will be a major component of this course as well as an introduction to nutrition-related occupations.

Subject Area: Family and Consumer Science

Credits: 1

Prerequisite: None**Course Title: Teaching as a Career**

Grade Level: 11-12

Students will discover benefits of teaching, explore different teaching and learning styles, and design a functional classroom set-up. Students will also observe different classrooms, then create and teach lessons about subjects that interest them. If you have ever considered being a teacher someday, this class is a good place to start!

Subject Area: Language Arts

Credits: 0.75

Prerequisite: See description**Course Title: College English Comp I**

Grade Level: 12

Essentials of composition. Emphasis is placed on practice in writing expository paragraphs and themes and in using the techniques of research. Selected readings for models and criticism are used.

Asset Writing Score of 45 or above, or ACT English Score of 20 to 36, or Compass Writing Score of 76 or above

Subject Area: Language Arts

Credits: 0.75

Prerequisite: See description

Course Title: College English Comp II

Grade Level: 12

Compositions of techniques of persuasive and research writing, and critical reading and writing on selected thematic units.

EN103 English Composition I with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher

Subject Area: Language Arts

Credits: 0.75

Prerequisite: None

Course Title: College Public Speaking

Grade Level: 11-12

Principles and practices of oral communication that will help the student develop skills in communication and acquire an understanding of oral communication as a vital human skill and activity.

Subject Area: Language Arts

Credits: 1

Prerequisite: None

Course Title: Creative Writing

Grade Level: 9-12

The Creative Writing Course will focus primarily on writing a substantial amount and in various forms. The writing process itself, vocabulary, and grammar are secondary in emphasis. Emphasis will be on the writing process, especially in the following areas of creative writing: short story, poetry, children's literature and drama. Students may research different aspects of writing, including genre, manuscript form and publishing. Students may also research and study different authors. Students will publish articles on the district website.

Subject Area: Language Arts

Credits: 1

Prerequisite: None

Course Title: English I

Grade Level: 9

English I includes the study of literature, the writing process, research, speaking and presentation skills, vocabulary, and grammar. Students enrolled in English I should expect daily homework and be able to work both independently and in groups. The textbook used is Prentice Hall. Novels and Plays read may include: The Giver, A Separate Peace, Fahrenheit 451, and Romeo and Juliet.

Subject Area: Language Arts

Credits: 1

Prerequisite: None

Course Title: English II

Grade Level: 10

English II includes the study of literature, the writing process, research, speaking and presentation skills, vocabulary, and grammar. Students enrolled in English II should expect daily homework and be able to work both independently and in groups. The textbook used is Prentice Hall. Novels and Plays read may include: To Kill a Mockingbird and Julius Caesar

Subject Area: Language Arts

Credits: 1

Prerequisite: None**Course Title: English III**

Grade Level: 11

English III includes the study of literature, the writing process, research, speaking and presentation skills, vocabulary, and grammar. English III students will prepare for and take the Kansas State Reading Assessment. Students enrolled in English III should expect daily homework and be able to work both independently and in groups. The textbook used is Prentice Hall. A major work that is included in this course is the study of *The Grapes of Wrath*.

Subject Area: Language Arts

Credits: 1

Prerequisite: None**Course Title: English IV**

Grade Level: 12

English IV includes the study of literature, the writing process, research, speaking and presentation skills, vocabulary, and grammar. Students enrolled in English IV should expect daily homework and be able to work both independently and in groups. The textbook used is Prentice Hall, which integrates British Literature as well as American Literature. Novels and Plays read may include: *Animal Farm*, *Macbeth*, and *Much Ado About Nothing*. A major requirement for completion of this course is the I-Search project.

Subject Area: Math

Credits: 0.75

Prerequisite: See description**Course Title: College Algebra**

Grade Level: 11-12

Theory of equations, functions, inverse functions, complex numbers, determinants and matrices.

Accuplacer Score of 75 or higher, or Compass Algebra Score of 48 or higher, or MA105 Intermediate Algebra with a grade of C or higher, or ACT Math Score of 21 or higher

Subject Area: Math

Credits: 1

Prerequisite: See description**Course Title: College Analytical Geometry & Calculus I**

Grade Level: 12

Two-dimensional analytical geometry, limits, continuity, differentiation and integration with applications, trigonometric functions.

MA107 Plane Trigonometry with a grade of C or higher, or MA109 Pre-Calculus Math with a grade of C or higher, or ACT Math Score of 25 to 36

Subject Area: Performing Arts

Credits: 1

Prerequisite: JH band or band director's permission**Course Title: Concert Band**

Grade Level: 9-12

The concert band emphasizes a high level of musicianship through the study, rehearsal, and performance of recommended band literature. Performances include school concerts, the state music festival, and other special events. Also the band will play as a pep band for all home Football and Basketball games. Attendance is required for HS concert band members not involved with the sport.

Students enrolled in concert band are eligible to participate in the KSHSAA regional music festival for solos and small ensembles and regional and state KMEA contest.

Subject Area: Performing Arts

Credits: 0.5

Course Title: Elbiata Singers

Grade Level: 9-12

Prerequisite: Audition, concurrent enrollment in HS Choir,

The Elbiata Singers is a select group of mixed voices that is chosen by audition and rehearses before school on Wednesday and Thursday mornings. It is designed for the experienced and serious music student. Students must demonstrate superior musical ability, regular attendance, good academic standing, and responsible behavior to be considered for this ensemble. Students will be responsible for purchasing tuxedos and formal dresses. Singers will perform a varied repertoire of standard choral repertoire, practice vocal technique, gain an understanding of music in relation to history and culture, and learn self-discipline by functioning as a responsible member of the ensemble. In addition to school concerts and music festivals, this ensemble performs at various churches and community events throughout the year. Attendance at performances is required.

Subject Area: Performing Arts

Credits: 1

Course Title: High School Choir

Grade Level: 9-12

Prerequisite: none

As a member of the High School Choir, students will perform a varied repertoire of standard choral repertoire, practice vocal technique, gain an understanding of music in relation to history and culture, and learn self-discipline by functioning as a responsible member of the ensemble. Emphasis is placed on refining part singing skills, sight singing skills, musical interpretation, The choir presents at least three evening performances at school each year and participates in music festivals in the spring. Women are required to wear a black dress or black shirt with black skirt/pants and black shoes for performances. Men are required to wear black pants, a white shirt, and a dark tie with black shoes. Attendance at performances is required.

Subject Area: Performing Arts

Credits: 1

Course Title: How Music Works - In Theory and Practice

Grade Level: 11-12

Prerequisite: participation in band or choir or teacher recommendation

"How Music Works - In Theory and Practice" (formally "Intro to Music") is a class to better understand how and why music is so important in our lives. While working through a basic college level music theory one text book this class will also put into practice the skills learned in a collaborative and active learning fashion. Throughout the year students of the class will form a performance group either in the pop, rock or jazz style to put into practice the theory learned through the class. In the fall the class will organize and produce the student talent show. In the spring their final composition(s) will be performed at the spring concert.

Subject Area: Performing Arts

Credits: 1

Course Title: HS Concert Band

Grade Level: 9-12

Prerequisite: Previous year enrollment in band OR with permission of the director

The Goessel High School Concert band is open to all students who have been enrolled in band during their previous year or are joining band through with the director's permission acquired through several private lessons on their instrument before the class begins.

The concert band performs a Fall, Winter and Spring Concert and competes in the KSHSAA state large group competition. Students are encouraged to participate in solo and small ensemble contests as well as audition for the KMEA all-district and all-state ensembles. Also all concert band members are required to play as a pep band for all home football and basketball games unless that student is participating in that activity.

Subject Area: Physical Education

Credits: 1

Prerequisite: none**Course Title: Freshman PE**

Grade Level: 9

This course is designed to provide students with the knowledge and skills needed to engage in a physically active, sports, and healthy lifestyle throughout life.

Subject Area: Physical Education

Credits: 1

Prerequisite: None**Course Title: Weight Training**

Grade Level: 9-12

This course is intended to teach the proper weightlifting and plyometric exercise techniques.

Subject Area: Science

Credits: 1

Prerequisite: none**Course Title: Biology**

Grade Level: 9-10

Biology is the study of life and living things. In this course, students will learn about biological concepts and principles, such as cell theory, cell metabolism, genetics, evolution, ecology and taxonomy. They will understand how these concepts are applied to living organisms and systems. This course includes a strong laboratory component and laboratory skills and lab safety will be emphasized.

Subject Area: Science

Credits: 1

Prerequisite: Algebra**Course Title: Chemistry**

Grade Level: 10-11

Chemistry is the study of the composition, structure and properties of matter. In this course, students will learn about atomic structures, states of matter, chemical composition, chemical bonding, molecular structure, chemical reactions and stoichiometry. This course includes a strong laboratory component and laboratory skills and lab safety will be emphasized.

Subject Area: Science

Credits: 1

Prerequisite: none**Course Title: Physical Science**

Grade Level: 9

Physical science is the study of the natural world using the scientific method of observation and experimentation. This course provides an introduction to chemistry, astronomy and physics. It includes a strong laboratory component, with formal and informal labs. Laboratory skills and lab safety will be emphasized.

Subject Area: Science

Credits: 1

Prerequisite: Algebra 2**Course Title: Physics**

Grade Level: 11-12

Physics is the study of the interactions between matter and energy in the fields of mechanics, acoustics, optics, heat, electricity, magnetism and nuclear phenomena. This course includes a strong laboratory component, with formal and informal labs. Laboratory skills and lab safety will be emphasized.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: American History**

Grade Level: 11

This course is a yearlong survey of American History taught in chronological sequence. It will trace the social, political, military, and economic forces that shaped American history. A brief overview of Native American History prior to 1492 will be included. Likewise, a brief overview of colonialism, the Revolution, the Constitution, and the 1800s will be covered. Emphasis of the course will then be on Twentieth Century American history.

Subject Area: Social Science

Credits: 0.75

Prerequisite: None**Course Title: College American History**

Grade Level: 11-12

Economic, political, social and intellectual development of the United States from the Civil War to the present with emphasis on growth of democracy, free enterprise system, welfare programs, civil rights, needs and contributions of minority groups, foreign policy and national defense.

Subject Area: Social Science

Credits: 0.75

Prerequisite: None**Course Title: College General Psychology**

Grade Level: 11-12

A survey of the fundamental principles of behavior including physiological, perceptual, historical, methodological, learning, memory, development, motivational, emotional, social and applied perspectives.

Subject Area: Social Science

Credits: 0.75

Prerequisite: None**Course Title: College Human Relations**

Grade Level: 11-12

Psychological principles applied to everyday living with an emphasis on self-understanding and on building successful relationships.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: Current Events**

Grade Level: 10-12

This course will examine current world situations and problems. Focus of the course will be on the development of skills necessary for understanding current world and state affairs. This includes analyzing the news presented from a variety of sources and each source's perspectives. Thus, students will be expected to keep up with the news through the television, internet, printed sources, or possibly other means of communication. Students will learn to recognize bias and analyze diverse viewpoints.

Subject Area: Social Science

Credits: 0.5

Prerequisite: none**Course Title: Sociology**

Grade Level: 11-12

This course can be described as a scientific study dealing with the origin, evolution, and development and interaction of human groups and relationships. It is a look at human society and its various cultures, its organization, its institutions, and its functions. Specific areas of study will include units on deviance, social stratification, race, gender, and age.

Subject Area: Social Science

Credits: 0.5

Prerequisite: American History**Course Title: U.S. Government**

Grade Level: 12

This course on U.S. Government uses the U.S. Constitution as its basis of study. Within this emphasis on the Constitution, the legislative, executive, and judicial branches will be studied in-depth, along with federalism and the political process and elections. Civil liberties and freedoms for individuals, along with the responsibilities of citizens that go with these liberties will also be emphasized.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: World Geography**

Grade Level: 9-12

This course on the study of geography of the world is a study of people and their environment. Included in the course will be a study of the regions of the world and the many cultures within those regions. The regions of study will be Europe, Africa, Asia, the Middle East, Latin America, and Australia. The 5 themes of geography (location, place, people and their environment, movement, and regions) will be emphasized. The class will also include memorizing all the countries and most of the capitals of the world, along with many of the major physical features of the world.

Subject Area: Social Science

Credits: 1

Prerequisite: none**Course Title: World History**

Grade Level: 10

This year-long survey course of World History will examine some of the major civilizations of the past and present. The course will concentrate on humanity's most significant political, economic, cultural, and intellectual achievements. Content will include the Ancient Middle East and Far East, the Classical World, Middle Ages, Africa, the emergence of the Modern World, and the Modern World through the two world wars.

Subject Area: Visual Arts

Credits: 1

Prerequisite: Art I**Course Title: Art II**

Grade Level: 10-12

ART II is a second level course that will explore beyond the basics. Students are expected to work independently, be self-motivated, and provide leadership for younger students in the class. Areas studied will include traditional and non-traditional use of media, interpretation of symbols, comparing and contrasting styles of artists in history, and ideas from other careers. Participation in exhibits each 9 weeks is mandatory, and participation in contests are expected. Art II may participate in year end Advanced Art Exhibit.

Subject Area: Visual Arts

Credits: 1

Prerequisite: Art II**Course Title: Art III**

Grade Level: 11-12

ART III is a third level course that will explore well beyond the basics. Students are expected to work independently, be self-motivated, and provide leadership for younger students in the class. Projects will explore conceptual art, design elements, analyzing meaning of artists, function and meaning of objects in culture, and portraying minorities in society. Exhibits at the end of each 9 weeks are mandatory, as well as in contests. Art III will participate in year-end Advanced Art exhibit.

Subject Area: Visual Arts

Credits: 1

Prerequisite: Art III**Course Title: Art IV**

Grade Level: 12

ART IV is a senior level course that will explore far beyond the basics. Students are expected to work independently, be self-motivated, and provide leadership for younger students in the class. Projects are independently chosen by the student, with the approval of the teacher. Students are expected to work towards accumulating a portfolio of work, suitable for seeking admission to college and for scholarships. Exhibits at the end of each 9 weeks are mandatory, as well as participation in contests. Art III will participate in year-end Advanced Art exhibit; possibly a Senior Exhibit.

Subject Area: Visual Arts

Credits: 1

Prerequisite: Intro to Drawing, Computer Aps, or Career Life Planning**Course Title: Graphic Design**

Grade Level: 10-12

GRAPHIC DESIGN 11154 is the full or upper level course in this area. It will cover leadership and teamwork, ethics and legal responsibilities, communications, and career plans. The content area of Graphic Design includes needs of the client, digital design, image creation, typography, copyright and trademarks, and producing a portfolio of Graphic Design projects.

Subject Area: Visual Arts

Credits: 0.5

Prerequisite: Intro to Drawing, Computer Aps, or Career Life Planning**Course Title: Graphic Design Fundamentals**

Grade Level: 10-12

Graphic Design Fundamentals will cover essential knowledge and skills, communication, leadership and teamwork. Content area of Graphic Design Fundamentals are the basics of this area, such as drawing, perspective, typography, branding, identifying how images communicate messages, and creating a portfolio of graphic design projects, such as logos, brochures, packaging, etc.

Subject Area: Visual Arts

Credits: 0.5

Prerequisite: None**Course Title: Intro to Drawing**

Grade Level: 9-12

Intro to Drawing is the Introductory level High School Art course for the first semester. Students will explore extensive techniques in drawing, such as basic shapes, forms, shading, color theory, Elements of Art, and Composition. Lectures in World Art History are given with tests. Sketchbook assignment is a record of collected sketches. Second Semester students will continue with traditional Art I course, including 3-D Art; sculpture, ceramics, printmaking, and Contest participation.

Subject Area: Visual Arts

Credits: 0.5

Prerequisite: Intro to Drawing, Computer Aps, or Career Life Planning**Course Title: Photo Imaging**

Grade Level: 10-12

Photo Imaging is a first semester class. It will cover essential knowledge and skills, communication, leadership and teamwork. The Photography content will cover basics of photography, handling cameras and photo equipment, darkroom film and print developing, transitioning into digital work. It will also cover copyright issues, photojournalism, studio photography, and commercial photography work.

Subject Area: Visual Arts

Credits: 0.5

Course Title: Principles of Illustration

Grade Level: 9-12

Prerequisite: Intro to Drawing, Computer Apps, or Career Life Planning

Principles of Illustration will cover essential knowledge and skills, communications, leadership and teamwork. The Illustration content area will focus on understanding basic drawing, identifying major styles, illustrations for brochures, web pages, promotional products, technical illustrations, literature, newsletters, or presentations. Students will prepare a portfolio of work by the end of the class.

Subject Area: World Language

Credits: 1

Course Title: Spanish 1

Grade Level: 9-12

Prerequisite: None

In Spanish 1 we work on all four language skills: reading, listening, writing and speaking. We also begin learning about the cultures of the different Spanish-speaking countries. The class is taught using a variety of activities: food sampling, learning games, singing, dancing, paired and group activities, individual projects as well as more traditional methods. Evaluation is based upon oral participation as well as homework assignments, quizzes and tests. Good study habits and organizational skills are a must in this class. Much of the class is conducted in Spanish.

Subject Area: World Language

Credits: 1

Course Title: Spanish 2

Grade Level: 9-12

Prerequisite: Spanish 1

The description for Spanish 2 is much like the description for Spanish 1, the only difference being that more Spanish is used in the classroom. We further develop the four skills stressed in Spanish 1. The forms of evaluation and the classroom activities are similar.

Subject Area: World Language

Credits: 1

Course Title: Spanish 3-4

Grade Level: 10-12

Prerequisite: Spanish 1 and 2

The description for the advanced Spanish class is much like the description for Spanish 1 and 2. However, this class is taught almost exclusively in Spanish. We also do more advanced readings, including some authentic literature. Spanish 3 and 4 are taught together because of the number of students available to take the class. I adapt the class each year to the individual student's needs. There is a huge emphasis on conversation.