

*** New Classes for 2011-2012**
~ State or Federally Mandated Curriculum

MAY TERM COURSE DESCRIPTIONS

AGRICULTURE

Construction (concrete) – 90 minutes; limit 10 students (4 seniors); The student will learn how to calibrate the yards of concrete needed. What type of concrete should be used and how to form it up and make sure it is placed properly. Also what type of base goes under the cement and why. Our project will be preparing for and pouring concrete on the north side of the high school.

Farm Management – 90 minutes; limit 12 students (5 seniors); Prerequisite: Must have at least 1 yr. of Ag. Ed.: The student will be engaged in mostly hands on learning involving the day to day management of a farm (the FFA farm). This will include manure management, animal health, building/repairing fencing, pouring cement, plumbing, pesticide use, vaccinations and proper livestock care. The student will not only be involved in doing these things but actually learn how and more importantly what is safe and proper and where they all fit into the overall management of a farm. I.e. what is the purpose or usefulness of manure in the field?

Livestock Evaluation - 90 min.; 9-12; limit 14; (7 seniors); Students must have had at least 1 year of Vo Ag; The student will learn all about livestock selection for breeding purposes or meat processing. This will include the live animal as well as wholesale and retail meat cuts. This will include growth efficiencies and cutability traits coming from our own local beef, pork and sheep producers. When finished the student will have a clear vision of how the livestock industry really works.

ART

Digital Photography – 90 minutes; 9-12; Limit 20; Students do not need to have their own digital cameras. Cell phones will work but are discouraged due to very low quality resolution. The emphasis will be on successful photography techniques, appropriate content, web publishing, and popular trends in digital photography.

BUSINESS

The Stock Market - 45 min; 9-12; limit 25 (12 seniors); Students will learn the basics of personal finance and how to make informed investment decisions. Students will have several opportunities to explore investment opportunities and to engage in simulated buying and selling of stock.

Work Study Prep - 45 min; grade 11; **This is a Pre-requisite for Work Study.** Prepares the student for a career, while helping the student in searching for that first job. Covers resume writing and formatting; what should be included and should not be included. It will go over job shadowing, as well as the interview process; what you should and should not do and how to prepare. The class will also cover job ethics, etc.

***Be Your Own Boss** – 45 minutes; 10-12; This course is designed for those students who want to learn more about entrepreneurship. Students will be able to explore their interests, participate in fun business activities, brainstorm new venture ideas, and meet local business owners. This course will bring out the student's creativity, knowledge, and personal interests while learning how to start-up a business.

COMPUTER

Automated Accounting – 45 minutes; 11-12; **Pre-requisite:** Accounting full year. The accounting software, *QuickBooks*, is used to complete an accounting simulation. Students will also job-shadow someone working in the accounting field.

Audacious Web Tools – 45 min./90 min.; 10-12, limit 10, (5 seniors); Students can sign up for one or two period blocks. Students will create articles, podcasts, polls, and surveys for the CL website and may assist in the creation of the senior memory show. Those who are interested in serving as student webmasters must take this course to learn SOCS manager features. This is an opportunity to learn how we operate our school website.

FOREIGN LANGUAGE

Spanish I and II – 45 min.; 9-12; All Spanish I and Spanish II students will continue on through May Term.

Spanish III– 45min.; 10-12 Spanish III students need to continue if they are advancing to Spanish IV.

Introduction to French - 45 minutes: 9-12; limit 20; This class is an introductory class of French. Basic vocabulary, grammar and structures will be taught.

Introduction to German – 45 minutes; 9-12; limit 20; This is an exposure to German class. Students will learn German language basics through the reading of a German primer. Beginning grammar and vocabulary will be studied.

AP Spanish Language – During May Term we will continue with the AP Spanish Language syllabus. At this time of year we will focus on test taking skills and practice tests. After taking the AP Spanish Language exam, the students will evaluate the class.

FAMILY AND CONSUMER SCIENCE

Creative Foods - 90 min.; 9-12; limit 16 (8 seniors); \$20.00 lab fee; this course includes Bread baking, fancy desserts, big fat pretzels, and variety of advanced cooking techniques.

***Fabric Creations** – 45 minutes 9-12; Limit 11 (5 seniors); **Pre-requisite** FACS; We will be sewing non clothing items such as backpacks, e-reader covers, other accessories, home decor and more.

Pre-school – 135 min.; limit 12 (6 seniors); **Pre-requisite:** Child Development; FAC I, or Todays Family; Students conduct a pre-school, located in the FACS room. Special emphasis will be on learning teaching techniques for pre-school children.

INDUSTRIAL TECH

Basic Auto Care – 45 min.; 9-12; limit 12 (6 seniors); A requirement will be that a student have availability to a vehicle to work with at all times. The class is designed for the student who has very little automotive car care. General auto maintenance covered will include, tire changes, oil changes, fluid lever checks, belt checks, etc. Types and kinds of products for inside and outside care. Lots of hands on care for your own car.

Floor Installation – 90 min.; 12-15 students; (6 seniors) 2nd & 3rd period; Goal of the class would be to give the students the knowledge to carpet, vinyl or tile a basic room. Flooring installation will cover the basics of floor covering. Students will learn to estimate cost and amount needed to do the job. Class will cover tear out & floor prep for the various products. Covered in the class will be installation of carpet, vinyl, hardwood, & dura-ceramic tile along with vinyl tile. Students will be given an opportunity to handle the various tools for each application from installing padding to possible applying adhesive. It is hoped that there will be an opportunity to have hands on experience with installation.

LANGUAGE ARTS

***Creative Writing** – 45 minutes; 9-12; limit 22 (12 seniors); Needing a creative outlet? This class will provide encouragement and direction for young writers eager to experiment in genres such as poetry, short story, and even novel writing. Students will learn the process of effective creative writing from brainstorming to publishing. Structured as a writing workshop, students will spend significant time writing and rewriting their creative pieces. In addition they will learn and incorporate a variety of effective strategies to make their writing more engaging, entertaining and exciting!

***Debate** – 45 minutes; 10-12; limit 20; Debate is a course that can be taken by tenth-twelfth grades who have completed speech class. Students will develop critical thinking skills along with logic and impromptu speaking techniques to defend opposing sides of social issues. Also, students will be able to recognize fallacies in argumentation and will be given the opportunity to critique arguments for flaws in logic or reasoning.

***Fabulous Fables** – 45 minutes; 9-12; limit 22 (12 seniors); And the moral of the story is.....This class will study the history of the famous Aesop's Fables and read a variety of the classic tales. Then students will develop and present a power point project of their favorite fable related to modern times. Finally, students will put on their creative caps and collaborate with peers in writing and acting out their own fables which will ultimately end with...the moral of the story!

***Flowers for Algernon** – 45 minutes; **Freshmen**; limit 22; An intriguing novel about scientific advances and society's ethical and moral responsibilities and dilemmas which accompany those advances. A man with a very low IQ has been chosen as the subject to undergo an experimental surgery which promises to give him incredibly high intelligence...But at what cost? While reading this novel, this class will examine and debate the role society plays in scientific advances. Are scientific and technical advances desirable at any cost? What limits should be put on our scientific community? Should more or less value be placed on certain individuals? This is a highly relevant book to challenges and questions we, as a society, are facing today.

Greek Mythology – 45 minutes; 9-12; limit 20; How did the world begin? The ancient myths of the Greeks tell us one version; they also give us exciting stories of adventure and exploits. Using cooperative learning activities to develop projects and presentations, students will learn stories and their connections to modern literature, life, and thought.

Intro to Philosophy – 45 min.; Students will be introduced to various philosophic topics such as:

- Ethics
- Political Philosophy
- Theory of Knowledge
- Logic
- Contemporary Philosophy

Students will look at the history and scope of each topic. In addition, the class will research and discuss the Philosophical "Biggies" such as Socrates, Plato and Aristotle. Students will also connect with their own philosophies and exercise critical thinking skills. Classroom discussion and research will be key to making this class interesting, insightful and irresistible to the student who always asks...Why?

Newspaper/Yearbook - 90 min; grades 9-12; limit 15; Write articles for the newspaper and hope to see them printed. Finish the yearbook using the Jostens online program.

Short Stories – 45 min.; 9-12; Students will read short stories from various countries and literary periods.

Cultural Literacy – 45 min.; 9-12, Limit 20. In today's world, we are constantly presented with references to famous characters and events from literature, history, the Bible, etc. We hear these in conversation, in the newspaper, at the movies, and on television, but do you really understand them? This class will focus, thematically, on popular allusions, their origin, and their definitions, which is determined by context.

MATH

Math - 45 min.; Students will continue with the General Math, Pre-Algebra, Algebra I, Algebra II, and Geometry, courses if he/she plans to take the next course in the math sequence. All 9th and 10th graders must stay in their math class through May Term, except students in Basic Geometry.

AP Calculus - 45 min.; This will continue into May Term. The AP test will be taken some time in May every year, and the class must continue meeting to prepare for the test.

Athletic Statistical Analysis – 45 min.; Limit 25; (15 seniors); Statistics are used frequently in athletics to give us information about teams or individuals. In this class, we will learn how some of these statistics are calculated in variety of sports. Some calculations will be simple such as batting average where others will be more complex such as a passer rating for a quarterback. We will also discuss how the BCS rankings are done, what role RPI plays in seeding the NCAA basketball tournament, scoring of Olympic events and how the Nascar Sprint Cup standings are determined. There are a lot of different statistics in the sporting world and we will try to make sense of them during this class.

MUSIC

Chorus will continue.

Band will continue.

Beginning/Intermediate Guitar – 45 min.; limit 10; This class will teach students the basics of playing the guitar and will teach students how to play single notes as well as introduce them to playing chords. Intermediate Guitar students will build

upon the knowledge they received in Beginning Guitar and focus more on chord playing and strumming technique. This class will feature a couple of guest speakers who will give a demonstration in guitar playing.

Beginning Lessons/Beginning Instrument Class - 45 min; 9-12; limit 12; This is a beginning band course that allows students who are not in band the opportunity to learn how to play a band instrument, or students who are in band the opportunity to learn how to play a different instrument other than the one that they already play. Students play together in a group setting, but individual instruction is given where needed.

Jazz History – 45 minutes; limit 24 (12 seniors); Students learn the history of jazz music-how it began, and how it developed over the years. Lots of listening examples are given, and we spend a lot of time watching the Ken Burns film “Jazz”. Students learn about many of the big names in jazz-Louis Armstrong, Duke Ellington, Count Basie, Benny Goodman, etc. and how they helped shape jazz music.

Jazz Improvisation – 45 min.; This is a class for students who are in band, specifically those who play in jazz band, who are interested in learning how to improvise solos. Time is spent playing some “jazz standards” then learning how to craft solos from scratch that fit these pieces.

SERVICE LEARNING

~ **Service Learning** – 90 min; 9-12; Working on community service projects in the community and school. All students must participate in one service learning class before graduation. Areas to be covered:

- Tree and shrub pruning
- Senior citizen assistance
- City and park maintenance
- Central Lyon beautification

RECREATION

Intro to Tennis – 90 min.; 9-12; limit 12; Students will learn the rules for playing singles and doubles tennis. They will practice hitting serves, backhand shots, and forehand shots. Some time will be spent watching tapes of professional tennis matches. They will also play singles and doubles matches including a singles tournament.

Ballroom Dance – 45 min. grades 9-12; limit 20-24 or 10-12 couples; This class teaches the basics of partner dancing. Students will learn how to waltz, foxtrot, tango, rumba, and swing. These are dances that would be seen at a wedding reception or other social gatherings. This class includes a field trip to the Sioux Falls Ballroom and Dance Studio. Students will also watch the movie, “Take the Lead” based on a true story of a teacher who started ballroom dance classes in a New York public school.

Intro to Lifetime Recreation – 90 min.; Grades 9-12; limit 20; (12 seniors); In this class students will learn lifelong sports/activities. Activities that students will do are Outdoor Recreational (Canoeing, Fishing, Bocce Ball, Bean Bags, Horseshoes, Hiking, and Bicycling). They will also learn different physical fitness activities that they can do and the different opportunities that our community provides for them.

SCIENCE

Entomology – 45 min.; limit 22; In this class we will learn all about insects, from what they look like to how they are important to the human race. We will make an insect collection, study how insects are an important source of protein in some countries and how they are important to agriculture.

Physical Science - 45 min; **required of all freshmen**; a continuation of science from semesters 1 & 2. We will be focusing on Earth Science concepts.

Earth Systems Science - 45 min.; limit 20; 9-12; (7 seniors); Research-based class focusing on how different events in the Biosphere can have positive and negative impacts on other areas and other spheres (Hydrosphere, Lithosphere, Atmosphere). An example would be having students research how the building of a dam along a river system will impact the animal, plant, and physical situations downstream.

***Environmental Science** – The goal of the Environmental Science course is to provide students with an introduction to the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. We will also spend some time investigating how the media portrays environmental issues.

***Pre-AP Chemistry** – This course is a requirement for students planning on taking AP Chemistry next year. This gives us a four week head start on helping to acclimate the students to the pace and rigor of the AP course. The first two chapters of the AP book will be covered and math remediation will be a focus.

***AP Chemistry** – This continues through May Term. We will be preparing for the AP Exam and fitting in labs that were difficult to fit in during the year.

SOCIAL STUDIES

The Holocaust – 45 min.; 11-12; limit 25 (12 seniors); Students will take an in-depth look at the Holocaust: what it was, why it happened, and how it happened through the reading of *Night* by Elie Wiesel, viewing *Schindler's List*, and examining other supplementary resources.

American History – 45 min.; **required of all juniors**; a continuation of American History from semesters 1 & 2.

***Civil War** – 45 minutes 9-12; Limit 25 (12 Seniors); Class will analyze the causes of the war, important differences between the Union and the Confederacy, key battles, military strategies, and the outcomes of the United States' most deadly war.

Psychology of Athletics – 45 min.; Limit 20; (10 seniors); The student will be exposed to all forms of non-physical aspects of sports and competitive events. Non-athletes are welcomed because throughout the class a great deal of effort is given to the relationship between competitive events and how we deal with them, and real life situations. The student will come away from this class with a great understanding of how to better prepare for and deal with the mental aspect of sports competition.

OTHER

ACT Prep – 45 min.; 10-11; limit 15; Looking for higher ACT scores? Students will be using both computer and test preparation material from Kaplan – “the world leader in test preparation”. Also available is information about the PSAT and the SAT.

Acting/Drama Production – 90 min.; 9-12; Pre-requisite: Auditioning and being picked to be in the spring school play; Rehearse and present a full length production. Auditions will be held before May Term sign-up. Seniors accepted will be required to attend all classes until the performance date. This class will be taking the place of the All School Play and the production will be presented on Tuesday, May 23. Students who get chosen to be in the play from auditioning will automatically be scheduled into that 2 period time slot on their May Term Schedule.

Technical Theater - 45 min; 9-12; limit 10; This course teaches students about the more intricate workings of the theatre which include, lights, sound, props, and set design. Students will learn how to work the light and sound boards in the Forster auditorium in addition to working with lights and curtains on the stage. This class will also include a field trip to visit the stage of the Washington Pavillion to see how a professional production is put on. This group will be the stage crew for the May Term play and will also be responsible for helping to set up for the May concerts, Baccalaureate, and Graduation.

~ **Mentoring** - 90 min.; 9-12; limit 10; Assisting elementary students with academics. You are allowed to take this course twice.

~ **Career Choices** - 45 min; Grade 9; This freshman-required class will help you think about life and career choices. Learn real life tips for success by reading and discussing the book, *Teenagers Preparing for the Real World* by Chad Foster. Learn about careers by conducting and reporting on an interview of someone with an “unusual” job and by compiling information in the *Choices* electronic portfolio.

Human Relations – 45 min.; 11-12; limit of 15; (8 seniors); Human Relations is a class that will require students to research, think, and discuss the various ways people are treated. We will cover topics such as racism, age discrimination, gender inequalities and people with disabilities. The purpose of the class is to educate students about the importance of treating all people with respect regardless of age, gender, or race.

Mock Trial – 45 min.; 9-12; limit 4 per section; Must be a high school mock trial participant; Students will assist the middle school students in trying the 1919 Chicago White Sox case. This case dealt with players from the White Sox throwing the 1919 World Series. The class will consist of a video along with case preparation and presentation to a real life jury.

~ **Navigator** – 45 min.; **required for 9th graders**; this is a class dealing with many tough decisions that will need to be made throughout the next few years. Topics like relationships, sexual activity, drugs & alcohol, and marriage will be discussed. This is an important class for you as you continue down the road of success.

* **Senior Launch** – 45 minutes; 20, **Seniors!** Do you feel prepared to launch into your new life? We will discuss a new topic each day, such as college survival tips, handling your money including college loans, new technologies, time-management, credit cards, decision-making, and housing options. We will offer a “word of the day” to increase vocabulary and opportunities for question/answers from two generational viewpoints...Mrs. Snyder vs Miss Lens.

- *– New Class
- ~ – State required

2011 MAY TERM COURSES

AGRICULTURE

- ◇ Construction
- ◇ Farm Management
- ◇ Livestock Evaluation

ART

- ◇ Digital Photography

BUSINESS

- ◇ The Stock Market
- ◇ Work Study Prep
- * Be Your Own Boss

COMPUTER

- ◇ Audacious Web Tools
- ◇ Automated Accounting

FOREIGN LANGUAGE

- ◇ Spanish I
- ◇ Spanish II
- ◇ Spanish III
- ◇ Introduction to French
- ◇ Introduction to German
- ◇ AP Spanish Language

FAMILY AND CONSUMER SCIENCE

- ◇ Creative Foods
- ◇ Pre-school
- * Fabric Creations

INDUSTRIAL TECH

- ◇ Basic Auto Care
- ◇ Floor Installation

LANGUAGE ARTS

- * Creative Writing
- * Debate
- * Fabulous Fables
- * Flowers for Algernon
- ◇ Greek Mythology
- ◇ Intro to Philosophy
- ◇ Newspaper/Yearbook
- ◇ Short Stories
- ◇ Cultural Literacy

MATH

- ◇ Pre Algebra
- ◇ Algebra I
- ◇ Algebra II
- ◇ Geometry
- ◇ AP Calculus
- ◇ Athletic Statistical Analysis

MUSIC

- ◇ Chorus
- ◇ Band
- ◇ Beginning Guitar/Intermediate Guitar
- ◇ Beginning Lessons/Beginning Instrument Class
- ◇ Jazz History
- ◇ Jazz Improvisation

~ SERVICE LEARNING

- ◇ Service Learning
 - a. Tree & Shrub Pruning
 - b. Senior Citizen Assistance
 - c. City & Park maintenance
 - d. Central Lyon Beautification

RECREATION

- ◇ Intro to Tennis
- ◇ Ballroom Dance
- ◇ Intro to Lifetime Recreation

SCIENCE

- ◇ Entomology
- ◇ Physical Science (requirement for 9th graders)
- ◇ Earth Systems Science
- * Environmental Science
- * Pre-AP Chemistry
- * AP Chemistry

SOCIAL STUDIES

- * Civil War
- ◇ The Holocaust
- ◇ American History
- ◇ Psychology Of Athletics

OTHER

- ◇ ACT Prep
- ◇ Acting/Drama Production
- ◇ Technical Theater
- ~ Mentoring
- ~ Career Exploration (required for 9th graders)
- ◇ Human Relations
- ◇ Mock Trial
- ~ Navigator
- * Senior Launch