

MAY TERM COURSE DESCRIPTIONS

AGRICULTURE

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

So You Don't Think You Have Any Artistic Ability! – 45 min.; For students who have had no Art classes before.

Independent Study in Art – 45 min.; 10-12; **Pre-requisite:** Visual Arts II & III.

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 Place Readiness - 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.

COMPUTER

Audacious Web Tools – 45 min.; 10-12, (6 seniors); This class offers a variety of activities for students to learn how to promote our school via the Web. Students will update Central Lyon's presence in the Iowa Hall of Pride, a high-tech, interactive museum in Des Moines that pays tribute to the state of Iowa. Students will also learn how to operate our school website by creating articles, podcasts, polls, or surveys. Volunteers may also 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.

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 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.

Food Entrepreneurship – 90 minutes; 10-12; Limit 12 (6 seniors); **Pre-requisite:** FACS or Family Living; Content of class: How to start a food related business; Regulations-food safety, marketing; Food production-Food blogging and photography.

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 level checks, belt checks, etc. Types and kinds of products for inside and outside care. Lots of hands on care for your own car.

Carpet/Vinyl Installation – 90 min.; 12-15 students; (6 seniors) 2nd & 3rd period; This class will cover measuring, calculation of flooring materials, patterns in flooring, squaring off rooms. Tear out of old materials, when to tear out and when to go over. How to prep floors for the different materials & tools & products. Tools of the trade: Use of tools; what their purpose is; vinyl, carpet, duraceramic. Types of floor options; carpet, vinyl, hardwood, duraceramic. Hope to get some rooms here at school for tear out & installation of carpet squares. This program is geared toward the student who in the future will be able to rent and install his/her own carpet, vinyl, or duraceramic flooring. This is geared to make them not afraid of installing of flooring materials.

LANGUAGE ARTS

English I – 45 min.; **required of all freshmen**; a continuation of English from semesters 1 & 2.

Debate – 45 minutes; 10-12; limit 20; (10 seniors); 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.

Greek Mythology – 45 minutes; 9-12; limit 20; (10 seniors); 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 and lively discussion, students will learn stories and their connections to modern literature, life, and thought.

Hamlet – 45 minutes; 9 – 12; limit 20; (10 seniors); *Hamlet* is one of Shakespeare's greatest plays. It tells the story of a young prince who must avenge his father's murder. No Central Lyon student can relate to being the prince of Denmark, but every student will be able to relate to the universal dilemmas and themes in this play and especially to the character traits of Hamlet himself.

Newspaper/Yearbook - 45 min; grades 9-12; limit 15; (7 seniors); Students will learn basic newswriting and design techniques. They will be responsible for writing articles for the Lions' Pride student section of the newspaper and for creating yearbook pages 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 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.

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.

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.

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
- Small construction project dealing with repairs & upgrades to the dugout at the sports complex

Construction Project – 90 minutes; limit 12 students (6 seniors); Prerequisite required: Intro to Industrial Tech; Small building project for Atlas. Supplies donated by Pizza Ranch of Rock Rapids. Building size 8 x 10 or larger used as a drop off for donated clothes.

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.

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.

Introduction to Engineering – Robotics – 90 min.; 9–12; limit (6 seniors); This course is an overview of the engineering profession. Topics include goal setting and career assessment of the engineering field, the engineering method and design process, written and oral communication, interpersonal skills and team building, and computer applications. Upon completion, students should be able to understand the engineering process, the engineering profession, and utilize resources to explore their engineering educational goals. We will also lay the groundwork for next year’s FTC robotics club competition.

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.

State and Local Government – 45 min.; required for all students before their senior year (**Starting with the Class of 2015**); Limit 25; Students will learn the functions of the legislative branch, executive branch, and judicial branch while also learning the basic principles of state constitutions. Students will also examine the responsibilities and functions of county and city governments. A special emphasis will be placed on how things are done in the state of Iowa, Lyon County, and the city of Rock Rapids. **Note:** This class will also be available online through Open Class. Due to the fact that every student must take this class before their senior year and the limitations that many students have with May Term, the online option will offer the flexibility needed to accommodate everyone’s schedule. Each individual student will be responsible for completing and handing assignments in on time and setting up times to take tests.

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 21. 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/updating information in the electronic portfolio-www.ihaveaplaniowa.

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.

2013 MAY TERM COURSES

AGRICULTURE

- ◇ Farm Management
- ◇ Livestock Evaluation

ART

- ◇ So You Don't Think You Have Any Artistic Ability!
- ◇ Independent Study In Art

BUSINESS

- ◇ The Stock Market
- ◇ Work Place Readiness

COMPUTER

- ◇ Audacious Web Tools

FOREIGN LANGUAGE

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

FAMILY AND CONSUMER SCIENCE

- ◇ Creative Foods
- ◇ Fabric Creations
- ◇ Food Entrepreneurship

INDUSTRIAL TECH

- ◇ Basic Auto Care
- ◇ Carpet/Vinyl Installation

LANGUAGE ARTS

- ◇ English I
- ◇ Debate
- ◇ Greek Mythology
- ◇ *Hamlet*

- ◇ Newspaper/Yearbook
- ◇ Short Stories
- ◇ Cultural Literacy

MATH

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

MUSIC

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

SERVICE LEARNING

- ◇ Service Learning
 - a. Tree & Shrub Pruning
 - b. Senior Citizen Assistance
 - c. City & Park maintenance
 - d. Central Lyon Beautification
 - e. Small construction project dealing with repairs & upgrades to the dugout at the sports complex.
- ◇ Construction

RECREATION

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

SCIENCE

- ◇ Entomology
- ◇ Physical Science
- ◇ Environmental Science
- ◇ Pre-AP Chemistry
- ◇ AP Chemistry
- ◇ Introduction to Engineering - Robotics

SOCIAL STUDIES

- ◇ Civil War
- ◇ The Holocaust
- ◇ American History
- ◇ State and Local Government
- ◇ Psychology Of Athletics

OTHER

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