MAY TERM COURSES

**AGRICULTURE**

1. Farm Business Management

**ART**

* Mural Painting
* Ceramics
* Elements & Principles of Art
* Photography

**BUSINESS/**

**COMPUTER**

1. Introduction to Screen

Printing

1. Work Place Readiness
2. Investing 101

**FOREIGN LANGUAGE**

1. Spanish I
2. Spanish II

**FAMILY AND CONSUMER SCIENCE**

* Food On The Run
* Tastes of Culture

1. Baking and Pastry Arts
2. Counted Cross-stitch for Beginners

**INDUSTRIAL TECH**

* Construction/Remodeling
* Problem Solving Challenges
* Basic Auto Care

1. Flip It
2. Building Trades
3. Advanced Fabrication
4. Restoration

**LANGUAGE ARTS**

* The Western Novel-Louis L’amour (Eng II)
* Greek Mythology
* Novels as Movies

**MATH**

1. Pre Algebra
2. General Math
3. Algebra I
4. Algebra II
5. Geometry
6. AP Calculus

**MUSIC/Theater**

* Chorus

1. Band
2. Guitar/Ukulele Lessons
3. May Term Play
4. Beginning/Inter. Piano

**RECREATION**

* Strength & Conditioning
* Strategic Gaming
* Ballroom Dance
* Table Top Games

**SCIENCE**

* Oceanography
* Environmental Issues
* Wildlife

1. Robotics
2. Kinesiology & Hacky Sac
3. Pre-AP Environmental

Science

1. Space Settlement

Design Project

**SOCIAL STUDIES**

* Civil War
* The Holocaust
* American History
* State and Local Government
* History of the Vietnam War

**OTHER**

* ACT Prep
* Vacation Planning 101
* Navigator
* Careers
* Study Hall
* Mentoring
* Service Learning
* Yearbook
* Service Learning w/Senora
* Diamond Art
* The Happiness Project
* Baristas & Business

**MAY TERM COURSE DESCRIPTIONS**

# AGRICULTURE

**Farm Business Management** – 86 minutes; 11th & 12th only; limit 8-10 (at least 4 juniors) Need to be an FFA member; 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?

# ART

**Mural Painting -** 86 min.; 9-12; limit 10; (5 seniors); Large scale paintings in various locations. The class will go through planning and designing, drawing and painting of these areas.

**Ceramics –** 86 min.; 9-12; limit 22; Intro to techniques of creating and glazing.

**Elements & Principles of Art –** 43 min.; 9-12; limit 22;Each day will cover a new element or principle of art with a correlating project. An Intro to Art class using the building blocks of all Art. All the different materials in the room will be used like clay, pencils, paint, etc.

**Photography-**43 min.; 9-12 grade; Limit 12 students; Students will need a working camera and ability to connect it to a laptop (cell phone cameras are acceptable) Introductory class about how a camera works and how to properly use it. We will cover a variety of topics including but not limited to types of cameras, managing lighting of subjects, staging for photos, and proper framing in the view frame.

# BUSINESS/COMPUTER

**Introduction to Screen Printing –** 43 minutes, 5-8 students; Max of 10 (5 seniors); This course will be an introduction to the art of screen printing. Students will prepare their own design using CorelDraw; create film positives, burn those onto mesh screens, and preparing the equipment to then print their design on a shirt or poster.

**Work Place Readiness** - 43 min; Max 25; **Required for all juniors**; Workplace Readiness prepares students for their future careers. Students will create cover letters, resumes, and prepare for and participate in a mock interview. Students will discuss expectations for job shadowing, work study, and work release options for their senior year. We will also discuss job ethics and professionalism, and cover essential skills needed after graduation.

**Investing 101-**43 min.;Limit 20 (10 seniors) Grades 9-12; This financial and wealth management class will dive into the world of investments. Students will learn about everything from safe and manageable investments to the world of cryptocurrencies. Throughout May Term, we will engage with experts in the field, develop a plan for current investment options, and project future investment opportunities. Students will have the opportunity to analyze stock market trends, learn about investment apps and management tools, participate in investment challenges, and explore multiple areas of wealth management.

# FOREIGN LANGUAGE

**Spanish I & Spanish II** (Max 25 in a section)

# FAMILY AND CONSUMER SCIENCE

**Food On The Run –** 42 min.; 9-12; limit 15 (8 seniors); No prerequisites for this course, which includes making foods for an on-the-go lifestyle. Food items include, but not limited to, smoothies, energy/granola bars, and breakfast on the go.

**Counted Cross Stitch for Beginners-**42 min.; 9-12; limit 10-12 (5 seniors) Cost for the class will be $10.00 to cover supplies. If you have never worked with a needle and thread, and you think you might want to start this hobby, here’s your chance. It is a great pastime for those who like to work with their hands, those who like the enjoyment of starting and finishing a project, and it is even known to have a calming effect on the body. What’s not to love? If you have never tried it, I invite you to join. If you have already enjoyed learning this craft, come with a new, more advanced project idea and help your peers get started from scratch. Cross stitch is a great way to get introduced to other needle and thread hobbies like embroidery. It can turn into a lifelong hobby that you can enjoy for years to come.

**Baking and Pastry Arts -** 86 min.; 9-12; Limit 15 (8 seniors); Students will be able to prepare a wide array of baked goods, pastries, and confections. Students will explore gluten-free baking recipe planning and preparation, altering & preparing recipes to address other allergies/dietary restrictions.

**Tastes of Culture –** 86 min.; 9-12; Limit 15 (8 seniors); Students will explore the connections between what we eat and cultures around us. As we move around the globe, we will examine each region’s dietary customs, cuisines and cooking methods.

# INDUSTRIAL TECH

**Construction/Remodeling-**43 min; 4-6, limit 10 (4 seniors); Students will be building projects for teachers and for the school. Very hands on and plan on working on a project every day. Prerequisite Construction Careers.

**Problem Solving Challenges**- 43 min; 4-6, limit 10 (4 seniors) Students will be given small challenges/activities/projects with a problem to solve and they will work individually or as a group to solve and complete the task.

**Basic Auto Care** – 43 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.

**Flip It** - 43 min; 10 students; Limit 12 (6 seniors); No experience needed for the class. We will help you out with tools just bring the ideas. Students will find, design, create and give purpose to an un-usable piece of material. Examples maybe pallet furniture, picture frames, lamps, barn wood projects, the sky is the limit.

**Building Trades**- 86 min., 10-12, Working on the House. Students need to have taken an Industrial Technology class before this May term.

**Advanced Fabrication-**43 min.; Limit 6; **Students need to have taken Ag Welding**

**Restoration-**43 min.; Limit 6-8; Students buy or bring in something which can be redone, can be a piece of furniture/small engine/tool. They will try to repair it/fix it up and resell it or reuse it.

# LANGUAGE ARTS

**English II:**

1. **The Western Novel-Louis** L’amour- 43 min; 10th graders; Limit 25; Enter the world of the Wild West, reading a captivating novel by one of the best Western writers of our time, Louis L’amour. Each student will pick a Louis L’amour novel to read, and we will also incorporate some older and newer Western films into the class that include actors such as: John Wayne, Robert Mitchum, Dean Martin, Clint Eastwood, Sam Elliot, Kurt Russell and more.

**Greek Mythology** – 43 minutes; 9-12; limit 25; (10 seniors); In the class we will be reading the classic Greek Myth "The Odessey".  "The Odessey" is an Epic Poem written by the Greek poet Homer.  This tale follows the Greek Hero Odysseus and his journey home following the Greek victory over Troy.

**Novels as Movies-**43 min.; Max 25; Prerequisite: Novel I; In this course, students will analyze film adaptions of novels we read in class.  We will explore how stories change from page to screen.  Through discussion and writing we will examine character, plot, and cinematic techniques.

# MATH

**Math** - 43 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, 10th, & 11th graders must stay in their math class through May Term, except students in Basic Geometry, or Business/Consumer Math.

**Geometry**  -will continue

**Algebra I –** will continue

**Algebra II –** will continue

# PreAlgebra- will continue

**General Math-** will continue

**AP Calculus-** will continue

# MUSIC

**Chorus will continue.**

**Band will continue.**

**Beginning/Intermediate Piano-**45 min; grades 9-12; Limit 10. This course is designed for students of varying ability, from those who have no piano background to students with a little piano background who want to further their abilities. Students will learn to read music and play simple to intermediate songs using both hands.

**Guitar/Ukulele –** 43 min.; 9-12; limit 15 (6 seniors); This class will teach students the basics of playing the guitar. Students will learn how to play single note melodies in addition to chords. Intermediate Guitar students will build upon the knowledge they received in Beginning Guitar and focus on more chord playing as well as strumming technique.

**May Term Play** – 86 min.; 9-12; PRE-REQUISITE: Students must audition and be chosen to be in the May Term Play. Auditions will be held before May Term sign-up. Students will rehearse and present a full-length production in an assembly to middle school students and give an evening performance to community members. Seniors will be required to attend all classes until the performance date. This class will be in a 2-period time block.

# RECREATION

**Ballroom Dance** – 43 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 dance. They will also learn some basic line dancing. These are dances that can be easily performed at wedding receptions or other social gatherings. 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.

**Strategic Gaming –** 45 min.; 9-12; MAX 16 students (includes 4 repeats) (6 seniors); In this class, you will learn and participate in pinochle, a card game brought to America by German immingrants. The standard game today is called “partnership auction pinochle,” which requires strategy, teamwork, social skills, and card counting. Each hand is played with a 48-card deck in three phases: bidding, melds, and tricks.

**Strength & Conditioning -** 45 min.; 9-12**;** This class is designed to increase student awareness of the importance of lifetime fitness. In this class students will be educated on strength and conditioning principles, and how to incorporate these principles into their daily lifestyle to best suit them. Students will be actively participating in strength and conditioning activities as well as plyometrics over a 16-week semester. Those involved with athletics will have specific workouts to follow, while those not out for sports have the option of creating their own workouts, or work through the instructor to plan workouts to best fit their needs.

**Table Top Games-** 86 min.; 9-12; Limit 12 (4 seniors); This class will be focused on learning and playing various board, card, and strategy games. This class will test students’ communication, negotiation, strategy, and teamwork skills while enjoying friendly competition with each other.

**SCIENCE**

**Oceanography –** 43 min.; 9-12; Limit of 25 (15 seniors) Oceanography will utilize Earth’s oceans to investigate the scientific world of ocean organisms, ecosystems, and the physical characeteristics that make this environment different from terrestrial environments we usually study in science classrooms. Oceanography is an integrated science that will draw on our previous knowledge of physics, chemistry, and Earth science. Working in small groups and as a class, we will look at some of the issues facing our oceans today and explore the resources they provide.

**Robotics –** 43 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.

**Environmental Issues-**43 min; 9-12; Limit 25 (15 seniors); Students will research and brainstorm solutions to environmental issues occurring in the world today.  Students will defend their decisions with a fact-based, properly cited research paper and presentation poster for their final project.

**Space Settlement Design –** 43 min.; 9-12; Limit 15 (5 seniors); This course puts high school students in the shoes of aerospace industry engineers designing a city in space that will house over 10,000 people. Student engineers demonstrate creativity, technical competence, management skills, environmental knowledge, space, teamwork, and presentation techniques to conquer the problems inherent in siting and designing a Space Settlement (Space colony).

**Wildlife-** 43 min.; 9-12; Limit 12-15 for two sections; 20 if only 1 section; we will be learning about different categories of wildlife. We will have a different focus each week, mammals, insects, birds, etc. We will research different examples and give presentations about what is learned.

**Kinesiology-**43 min.; 9-12; Limit 16 for each section; In this class, students will learn about what kinesiology is (the study of human movement, performance and function). We will also learn about the history of the game of hacky sac and learn to play while utilizing the kinesiology information.

**Pre-AP Environmental Science-**43 min.; Students must take the Pre AP Environmental Science May Term course ni order to be enrolled in the AP course next fall. The goal of the AP Environmental Science course is to provide students with 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 the seproblems, and to examine alternative solutions for resolving or preventing them. Student will understand that: 1)Science is a process. 2) Energy converstions underlie all ecological processes. 3)The Earth itself is one interconnecte system. 40 Humans alter natural systems. 50 Environmental problems have a cultural and social context. And 6) Human survival depends on developing practices that will achieve sustainable systems.

# SOCIAL STUDIES

**The Holocaust** – 43 min.; 10-12; 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 Wiesal, viewing *Schindler’s List,* and examining other supplementary resources.

**American History -**43 min.; limit 25; **required of all sophomores;** a continuation of American History from sem. 1 & 2.

**Civil War** – 43 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 –** 43 min.; **required for all students before their senior year;** Limit 20 per section (60 total); 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.

**History of the Vietnam War**-43 min. Max 25; (No senior cap); We will take a look at the origins and causes of the Vietnam War starting at the end of World War II to the reunification of Vietnam in 1975. There will be a focus on American involvement during the war.

**OTHER**

**Careers –** 43 min.; **required of all freshmen;** In this course students will explore different career opportunities. They will conduct an interview and then write as well as present a short report on it. Students will also read a book on careers, complete a study guide, and participate in classroom discussions. In addition, students will begin writing their resumes.

**ACT Prep** – 43 min.; grades 10-11; limit 15; Looking for higher ACT scores? Students will examine test strategies for taking the ACT. They will take ACT practice tests and implement strategies for improvement. Teachers of different subject areas will review specific questions and tests with students to ensure understanding of material and test improvement.

**Vacation Planning 101 –** 43 min.; 9-12; Limit 23 (15 seniors); This class is designed to teach students about the process of planning a vacation. I am expecting that each student will plan three trips: 1) By Car/Van 2) By Plane 3) A Cruise

For each of these trips, the students will need to create a budget. This will lead us into our discussions on hotels, food, gas, plane tickets, entertainment, etc… The students will use google maps, map quest, and other sites that will assist them in their trip planning. This will be a class where the students get to make most of the decisions with the teacher being a facilitator.

**Navigator** – 43 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.

**Mentoring** - 86 min.; 9-12; limit 6: (Total 3 in each section); Assisting elementary students with academics.

**Baristas + Business-** 43 min.; 9-12; Limit 18 (9 seniors) Baristas and business will combine the world of coffee + business marketing! Students will learn both the practical skills of coffee preparation and the strategic aspects of marketing a coffee business. This course will provide hands-on experience in brewing techniques, coffee shop offerings, flavor analysis, and business operations, mirroring real-world coffee shop environments. Students will also develop marketing strategies, create promotional materials, and learn about the coffee supply chain from coffee bean to cup. We will visit local coffee shops and learn about their offerings/expertise. By the end of the semester, students will develop a complete coffee shop project, creating their own offerings & competing for the best overall promotion and product.

**The Happiness Project-**43 min.; Limit 25; In this reflective and interactive course, students will explore what it truly means to be happy by examining psychological, philosophical, and personal perspectives on happiness. Through reading, discussion, and hands-on activities, we’ll discover how mindset, gratitude, relationships, and purpose contribute to a fulfilling life.

**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

**Service Learning with Sra. Steven-**86 min.; 9-12: Limit of 15 (10 seniors)

By helping others we learn much about ourselves: During this course you will have different opportunities to help others with various projects or events.

This list could include:

* Helping others with tech questions
* Cleaning up or painting
* Delivering Meals on Wheels
* Visiting residents in local nursing homes or assisted living establishments to play games,

read, sing or use your talents to make connections with the residents

* Assisting teachers with miscellaneous tasks
* Assisting Atlas with various needs
* Helping English language learners learn more English

**Yearbook:** 43 min.; 1 section; Must have previously been involved with yearbook or planning to be involved next school year to take the class.

**Introduction to Diamond Art-**43 min.; 9-12; Limit of 16 (10 seniors) Diamond art is a creative and relaxing craft that is similar to paint-by-number, but instead, you are placing rhinestones onto a sticky canvas and creating a vibrant picture. The result is a sparkling, eye-catching piece of artwork that can be framed and displayed. It is a fun and satisfying hobby for all skill levels.

Students who take this class need to purchase their diamond painting ahead of time, either by purchasing on their own or ordering through Mrs. Allen a few weeks before May term begins. Because of limited space, I recommend students buy a small to medium canvas to work with. (Example: small: 12” x 12”, or medium 17”x 22”) You can purchase diamond paintings all over: Walmart, Hobby Lobby, Amazon and other online companies. Price ranges vary.