

2018 Discovery Days Catalog

Please take a moment to read through the following information **before** selecting classes.

When selecting classes, please note the following:

100 Level Classes are all day on Wednesday, May 30

200 Level Classes are Wednesday, May 30 from 8:30AM-11:30AM

300 Level Classes are Wednesday, May 30 from 8:30AM-9:45AM

400 Level Classes are Wednesday, May 30 from 10:30AM-11:45PM

500 Level Classes are Wednesday, May 30 from 1:30PM- 4:30PM

600 Level Classes are Wednesday, May 30 from 1:30PM-2:45PM

700 Level Classes are Wednesday, May 30 from 3:30PM-4:45PM

800 Level Classes are all day on Thursday, May 31

900 Level Classes are Thursday, May 31 from 8:30AM-11:30AM

1000 Level Classes are Thursday, May 31 from 8:30AM-9:45AM

1100 Level Classes are Thursday, May 31 from 10:30AM-11:45PM

1200 Level Classes are Thursday, May 31 from 1:30PM- 4:30PM

1300 Level Classes are Thursday, May 31 from 1:30PM-2:45PM

1400 Level Classes are Thursday, May 31 from 3:30PM-4:45PM

As you are selecting classes you will need to be aware that if you select a 100 level class on Wednesday you will **NOT** select a 200, 300, 400, 500, 600 or 700 level class. The same would go for selecting a 200 level class, you would then NOT select a 300 or a 400 level class. If you do not select enough classes or select too many classes your schedule will be adjusted to assure that you are registered for a class for all class times. If you have any questions, please do not hesitate to call Sarah Keatley at (785) 532-5800 or you can contact her by email at Keatley@ksu.edu.

"Dive" Into Strengths, 301, 401, 601, 701, 1001, 1101, 1301, 1401

Do you know your Strengths? Students will dive into Gallup's StrengthsQuest by getting to know each other through interaction, talking about their Strengths, and learning how to use their strengths in a healthy and productive way. The speaker will use creative ways to engage students in a dialogue on how to live out their strengths in their everyday lives and as they prepare for life after high school.

Class Fee: None

Class Maximum: 25

Class Instructor: Mr. Levi Esses

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"How Good Do You Want To Be?", 402, 1102

We each get up everyday and make important decisions that will effect our lives. What are your dreams and goals? What is holding you back? This session will talk about how you can plan and then work towards what you want to do with your life. If you are willing to play the price to succeed, chances are you will succeed. WE will show you what it takes and then convince you that you can do it!

Class Fee: None

Class Maximum: 400

Class Instructor: Dr. Frank Tracz

#greatteacherproject, 603

Who is that one great teacher you have had? You know, the one who you know you will remember forever because of their encouragement, the way they inspired you, and the respect you had for them? Come to this session and use a cut paper method to make Papel People, or paper people! You will make your Great Teacher and write words describing their attributes all in a colorful creative collage. Then, we will show you how to use an augmented reality app to record a short video of you describing your teacher layered over a photo of the collage you made. The photo of your collage will trigger the app to play the video. You can even share it with your great teacher if you want! Come be creative while thinking about what makes a teacher great!

Class Fee: None

Class Maximum: 20

Class Instructor: Lindsey Morford

4-H International Programs: Your Ticket to the World!, 404, 604

Taste and experience exciting foods from around the world. Learn about Kansas 4-H International Exchange Program opportunities and travel. Experience Switzerland with Maria Traskowsky, 2017 International 4-H Youth Exchange (IFYE) delegate from Dickinson County. Kansas 4-H International Programs are your personal ticket to experience our world up close!

Class Fee: \$2

Class Maximum: 40

Class Instructor: Mr. Deryl Waldren and Miss Maria Traskowsky

500 College Experiences, 1 Day, 505, 1205

K-State students do amazing things: skydiving, country line dancing, participate in improv and a capella groups, and more! Try out the student involvement opportunities available at K-State - get ready for an active session exploring sports clubs, competition teams, multicultural groups, and more!

Class Fee: \$15

Class Maximum: 40

Class Instructor: Jordan Kocher and Kelli Farris

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A Trip Through the Mill, 206, 506, 906, 1206

Come see our operating flour milling and animal food production facilities. Learn how to turn wheat into flour, and the basics of making animal food and pet food! Our students get plenty of hands-on experience operating these facilities in our programs: Animal Food, Pet Food Science, and Milling Science!

Class Fee: None

Class Maximum: 15

Class Instructor: Fran Churchill

Advanced Floral and Plant Design, 507

(Recommended for those who have previously taken the Creative Floral and Plant Design class or who have experience in Floral Design.)

Contemporary and abstract design comes into play in this advanced floral design class. Expand your creative talents utilizing unique textures and shapes to create an attractive and modern design. Class participants will create two designs - one to take home and another to be displayed in 4-H administrative offices. Participants will draw for various themes to determine which arrangements will be displayed in specific locations. Stretch your imagination and design skills and join us in making a difference in someone's day with a gift of flowers!

Class Fee: \$25

Class Maximum: 20

Class Instructor: Patsy Maddy

Air Force Leadership & Character Development, 208, 508, 908, 1208

Join the Department of Aerospace Studies for an afternoon of leadership and character development. Learn why people chose the Air Force as a career. You will learn that Air Force is the Air, Space and Cyber Space Force. Just to name a few career possibilities in the Air Force, there are engineers, scientist, public affairs officers and space operators.

In this class you will get the opportunity to learn, discuss and demonstrate attributes that are expected of good leaders. Such as good communication skills, problem solving, team work, organization leadership fundamentals, personal morals/ethic, standards and accountability, the ethical use of authority.

You will get to practice leadership and team work in group activities that will challenge how you see a problem and how you lead others to accomplish a mission. This will be a fast paced session filled with dynamic discussion and activities. Participants will get glimpse into what K-State students experience when they sign up for Air Force ROTC training

Class Fee: None

Class Maximum: 24

Class Instructor: Lt Col Justin Duncan

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BQA, 909

The Beef Quality Assurance class will feature a mixture of both classroom and lab time with a discussion of BQA principles and an injection site demonstration. Participants will learn how to implement BQA practices in their operation and also see examples of some of the problems that may result when BQA protocol is not followed.

Class Fee: None

Class Maximum: 20

Class Instructor: Dr. AJ Tarpoff and Tim Marshall

Build your K-State Story! 410, 1010

Get an in-depth look at life as a Wildcat! Participants will hear first-hand from current students that have participated in Education Abroad opportunities across the globe, Internships near and far and exciting Undergraduate Research projects. You'll learn how these students wrote their own story at K-State while finding inspiration for your future Wildcat story!

Class Fee: None

Class Maximum: 60

Class Instructor: Miss Jordyn Barten

Building Bonds in Sauna--Family Life in Finland, 1111

Have you experienced sauna? Sauna is one of the central features of daily life in Finland. It's way more than a place to sweat after a workout or dip in the pool. It's a family experience we learned to enjoy the Finnish way, while staying with 4H families in Finland last summer. Visiting Finland gives you a chance to experience many lakes, forests and, for some, life above the Arctic Circle. (Did you know Santa Claus comes from Finland?) And daylight lasts 24 hours! We enjoyed delicious breads, desserts and ice cream with our new siblings. This workshop will give you a glimpse into life we had staying for a month with host families on the States' 4-H International Exchange Program. We'll share food, play games we played, and tell what we learned about their 4H. Before we are done we will share how you can host a one-month exchange and travel there or other countries next summer.

Class Fee: \$1

Class Maximum: 40

Class Instructor: Dr. Mary Kay Munson

Business HQ2 Simulation, 512

Business is not only practical, but it also requires creativity and collaboration. Business helps to develop, grow, and enhance the vitality of a community. In this session, you will work in small groups to better understand the various components of business, by researching and developing a pitch and proposal for a large, international company that is based out of the United States and seeking a location for their secondary corporate headquarters. Discover the various areas of business and their impact on a community.

Class Fee: None

Class Maximum: 40

Class Instructor: Ms. Risa Langelo

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Camp Counselor Survival Kit, 213, 513

Raining? Extra time? Now what? The answer is in the kit! Right before you head to camp this summer, be prepared with fun games and activities to fill in time with your campers. Learn how to make a unique ball, what to do with a raccoon circle, and spur of the moment games. Whether it is camp or club recreation time, a day camp or you are babysitting, these activities can be adapted. Come find out the answer that is provided in the Camp Counselor Survival Kit!

Class Fee: \$10

Class Maximum: 30

Class Instructor: Sarah Maass

Chuckwagon Cooking, 214, 514

Have you ever watched the original "The Cowboys" movie with John Wayne and wondered what it would be like to live and work on a cattle drive? This 3 hour course is designed to give participants a general idea how cowboys lived and ate while herding cattle from Texas to Kansas. Participants will learn the basic parts of a Chuckwagon, what it was designed for and why it is an important part of Kansas cattle history. Participants will learn about the basic tools, ingredients and cowboy etiquette that surrounded the Chuckwagon. Participants will learn about cast iron pots "Dutch Ovens" and will use them to prepare a simple meal that will be enjoyed by all when finished.

Class Fee: \$20

Class Maximum: 12

Class Instructor: Dale Blasi and Tim Marshall

College Survival Kit, 415, 615, 1115, 1315

Are you a recent graduate or a high school kid who is getting scared about the next big step in your life. Well come join two sophomores in college and get a little kit to help you through it all and some helpful tips on how to adjust to living on your own. This class is meant for you to ask all the questions you please.

Class Fee: \$7

Class Maximum: 30

Class Instructor: Katie Payne & Madison Weber

Creating A New Business, 416, 616, 716, 1116, 1316, 1416

Have you wanted to start your own business? Do you have a unique skill or hobby that you can earn money from? Learn how to create your own new business. You'll also hear about some exciting and unique businesses around Kansas. Bring out the entrepreneur in you!

Class Fee: None

Class Maximum: 100

Class Instructor: Shannon Martin

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Creative Floral & Plant Design, 917, 1217

Explore your creative talents through floral and plant design! Discuss why flowers and plants are important in our lives. Learn about careers in the floral and plant industry and tools used in flower arranging. You will also be introduced to the interior plantscaping industry by checking out a “green wall” – an entire wall covered with plants. Participants will create a traditional floral arrangement as well as a contemporary floral arrangement and learn how to care for floral arrangements after you have received them. One floral arrangement will be yours to keep and one arrangement will be created to be given away.

Class Fee: \$25

Class Maximum: 20

Class Instructor: Patsy Maddy

Crops and Weeds, 218

We will review a lot of crop and weed plants that grow in fields around Kansas. We will practice crop and weed plant and seed identification, do some grain art, and learn about what it takes to be an Agronomist!

Class Fee: None

Class Maximum: 50

Class Instructor: Dr. Anita Dille

Cupcake Challenge Showcase, 519

Get your cupcake on in this challenge of three/person teams of 4-H'ers to mix, bake, decorate, and build a display of cupcakes to be judged by Manhattan's finest Cupcake Judges. This baking challenge will showcase your team-work, baking, decorating and display building skills in the first competition of this kind. Debut your skills in this friendly competition.

Class Fee: \$10

Class Maximum: 12

Class Instructor: Holly Pishney

Dancing by Myself, 720, 1120

Come learn different line dances besides the Cupid Shuffle and the Wobble. You will learn some of the newest line dances including alternative moves. During this class you will laugh, smile, and of course have your dancing shoes ready for the next dance you go to.

Class Fee: None

Class Maximum: 20

Class Instructor: Samantha Wilson

Dancing with the Spurs, 421

Bring your dancing feet and join the Swinging Spurs! Whether you have two left feet or consider yourself experienced, all levels are welcomed. Take the opportunity to get out on the floor and learn secrets to improving your moves.

Class Fee: \$15

Class Maximum: 20

Class Instructor: Donita Whitney-Bammerlin

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Dare to Dream: Developing an Entrepreneurial Mindset, 422, 622

In this interactive 60-minute seminar you will learn what it means to have an entrepreneurial mindset and how it can benefit you in starting a new business venture or as an employee in an existing company. The session will provide activities to help you hone your entrepreneurial skills.

Class Fee: None

Class Maximum: 30

Class Instructor: Dr. Chad Jackson

Designed Interiors Change Lives, 823

Did you know we spend more than 90% of our time inside buildings, vehicles, and other interior environments? They better be great spaces! Spend time with designers and design students to learn how the design of interiors impacts our health, happiness, relationships, and productivity. You will learn a few things professional interior designers know and then use design thinking to create ideas for an interior space on campus and another that you imagine.

Class Fee: None

Class Maximum: 16

Class Instructor: Barbara G. Anderson

Discover your Brand, 324, 424, 624, 724, 1024, 1124, 1324, 1424

Who are you and how do you communicate it with purpose? Develop your personal brand now to enhance your career exploration later. Take a deep-dive into your values, motivations and goals to design your personal brand. Elevate your social media platforms to make authentic, meaningful connections with others. Perfect your social media bio line.

Class Fee: None

Class Maximum: 25

Class Instructor: Dr. Danielle LaGree

Drones and the Cool Things We can do With Them , 425

We will take a look at how drones are being used in movies, video game, and many other fun profession. Participants will get the chance to fly drone simulators that mimic the real drone operations, and lastly we will chat about how you can get involved and what it take to become a commercial drone pilot.

Class Fee: None

Class Maximum: 20

Class Instructor: Mr. Nick Homburg

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Environmental Political Thought: Emphasis on Agriculture, 326, 426, 626, 726, 1026, 1126, 1326, 1426

Current agricultural practices produce a lot of food but come with problems of sustainability--the use of pesticides and chemical fertilizers have an affect on the environment that is hard to offset. There have been many proposals for dealing with these problems and obtaining a more sustainable food supply. Government and politics are deeply in the mix when it comes to how food is produced and who consumes it, so we'll deal both with the production and policy side of food production. This course is a preview of my semester long college class, Environmental Political Thought.

Class Fee: \$5

Class Maximum: 50

Class Instructor: Laurie Johnson

Event Marketing & Promotion, 227, 527

Have you ever planned an awesome event but wished more people knew about it? Good event promotion takes intentional planning and involves a variety of media to reach a vast audience effectively. This class will walk you through developing a successful communication strategy for before, during and after an event to make sure people show up, hear about the great things you're doing, feel recognized for their contribution and want to come the next time it happens.

Class Fee: None

Class Maximum: 50

Class Instructor: Sheridan Wimmer

Explore the Design and Planning Professions, 428

Learn more about the professions of architecture, interior architecture & product design, landscape architecture, and regional & community planning. Also, tour the new College of Architecture, Planing & Design building!

Class Fee: None

Class Maximum: 30

Class Instructor: Susan Lannou

Explore the World of Public Works, 529

Learn what a career in Public Works might look like at our annual Expo Day. See the different types of equipment used, learn about the different types of jobs, try your skills on a simulator, operate a robot camera, free refreshments and much more.

Class Fee: None

Class Maximum: 40

Class Instructor: Leon Hobson

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Exploring Your Dynamic Earth, 430

What do you think about when you hear "Geology"? Rocks and fossils? Earthquakes and volcanoes? Although those are part of Geology, the Geosciences have much more to offer. We invite you to explore different aspects of this field in a guided visit to the Department of Geology at K-State, where you will be able to see cool rocks and fossils, take a virtual tour using virtual reality goggles, learn about how landscapes are represented in maps and experience what it is like to work in a dark room where the light emitted from minerals is measured to date rocks!

Class Fee: None

Class Maximum: 30

Class Instructor: Dr. Karin Goldberg

Family History Detectives - ROAD TRIP!, 131

You don't have to be Sherlock Holmes to unlock the mysteries of your family's past! Learn what it takes to successfully seek out ancestors on the branches of your family tree.

This year, we're taking this search on the road. We'll visit a family history library, a cemetery, and a computer lab in search of our ancestors. We'll look at how to get started on your detective search using some basic genealogy tools.

Class Fee: \$5

Class Maximum: 12

Class Instructor: Susan Schlichting

Farm to Fork, 1332, 1432

Have you ever wondered what could possibly be made from corn or how the flour in delicious cookies is made? If so, we will be showing the life cycle of different crops and how they end up on your dinner plates through different activities. In this class, we will also share our stories and the roles we play in the agriculture field.

Class Fee: None

Class Maximum: 24

Class Instructor: Wheat State Agronomy Club

Fashion FUNdamentals, 133

From the runway to our closets. Understanding the fashion industry and careers. Hands-on experiences in styling, retailing and design. Tour K-State sewing lab, the Historic Costume and Textile Museum and Champion Powered by GTM Sportswear factory and retail store. The day will end with a retail activity at Manhattan's shopping mall.

Class Fee: None

Class Maximum: 14

Class Instructor: Dr. Joy M. Kozar

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Food for Thought: Life as a Dietitian, 634

Your school lunch, hospital patient diets, restaurant entrees, athlete training tables and more are designed and planned by registered dietitians. Do you desire to help people, love learning about nutrition concepts and enjoy counseling? Dietetics could be the perfect career path for you! This class will offer hands-on activities designed to help you learn about the dietetics profession. Instructors for this class include Dr. Linda Yarrow, RDN and LD for the Clay County Medical Center and professor for the department of Food, Nutrition, Dietetics & Health as well as Mrs. Heidi Oberrieder, RDN, LD and dietetics program coordinator for the K-State Dietetics Didactic Program.

Class Fee: \$2

Class Maximum: 20

Class Instructor: Mrs. Andrea Feldkamp

Food Photography, 535, 935, 1235

Love food? Love Photography? Come learn the basics of food photography. Practice setting up a shoot and taking photos of food dishes. Tell a story with your images. A camera is a must, and a tripod is helpful.

Class Fee: None

Class Maximum: 12

Class Instructor: Susan Stich

Foodtastic Feats, 236, 936

Food is more than something that you eat. The macros in food help your body accomplish incredible feats. Learn more about how nutrients can take you where you want to go. Explore food attributes through hands on experiments and discover the career opportunities that await you in nutrition.

Class Fee: \$5

Class Maximum: 20

Class Instructor: Mrs. Andrea Feldkamp

From the Land of Kansas: Your Community Depends on You!, 1037, 1137, 1337

As a leader in your community, you can affect what your community is like. Discover the value of supporting local businesses that help your community thrive and help your town's economy grow through hands-on activities. PLUS, see how your 4-H project or agriculture based business can gain recognition across the state.

Class Fee: None

Class Maximum: 50

Class Instructor: Lexi Wright

Get into the game: action photography, 338, 438, 638, 738

Action photography involves knowing how to use your camera and how to be in the right place at the right time. Learn how to make better photographs using simple rules. Also learn how to utilize your camera to stop the action and tell a story.

Class Fee: None

Class Maximum: 50

Class Instructor: Mr. Kelly Glasscock

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Grazing and Fire: Ag & Natural Resource Communication at Konza Prairie, 239

Ready for a hike at Konza Prairie?! Communications in agricultural and natural resource science is critical in today's world. In this class, we will take a short hike at Konza Prairie, just outside of Manhattan, which is one of the last remaining preserved tallgrass prairie ecosystems. Learn about grazing, fire, and prairie ecosystems, AND create short videos to communicate what you've learned. A \$5 fee per student will cover a water bottle, bug spray, and sunscreen if needed. Be sure to bring your cell phone to take photos and videos while on the hike!

Class Fee: \$5

Class Maximum: 12

Class Instructor: Dr. Katie Burke

Hands On Robotics, 1340

In today's day and age, robotics has become an integral part of society and all industries alike. Come and learn about some of the basics of robotics and see where every great technological mind once started. Try out some fun technologies that you can take home and share with younger 4-H members. There is a world of opportunities awaiting in the robotics world for everyone, so come and find out how robotics can and have affected you!

Class Fee: \$5

Class Maximum: 30

Class Instructor: Susan Schlichting

Horsin' Around 101- 141, 841

Do you have a passion for horses? Do you want to learn more about them? Do you have a horse, and want to take your knowledge to the next level? If you answered "yes" to any of these questions, then you don't want to miss this class! Horsin' Around 101 is taught by Wyandotte County 4-H Agent, Nicole Crosson. Delegate's horse knowledge will advance to the next level through hands-on classroom instructional activities, and then applying classroom knowledge learned in the arena with a live horse demonstration! Youth will utilize the Kansas 4-H Level I Horse Achievement Study Guide to move through class content effectively. Delegates will have the opportunity to interact with 4-Hers who have completed the Level IV Horse Achievement Test, practice on-ground maneuvers, learn about basic equine care and health practices, showing horses, with a real horse during the class! At the end of the class, youth will have the opportunity to take the Level I Horse Achievement Test.

Class Fee: \$10

Class Maximum: 20

Class Instructor: Mrs. Nicole Crosson

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Hospitality Manhappiness Tourism, 842

Jump on board this interactive tour of Manhattan's finest hospitality entities of tourism. Along the trail we will visit how it all begins with the Convention and Visitors Bureau, behind the scenes of one of Manhattan's finest hotels, discover a unique attraction, and see the operations of one of Manhattan's restaurants. This tour will be a hop on and off experience that you can discover why visitors find Manhattan a great place to visit!!!!

Class Fee: \$7

Class Maximum: 14

Class Instructor: Nancy King

Imaginative Living Rooftops, 243, 943

Discuss, discover and design! Participate in a fun-filled learning opportunity related to green roofs. Take part in a design activity and games related to green roofs, their functions, components and values. Don't miss out on the chance to tour green roofs at K-State, and take a shot at hands-on-green-roof-design to put your creative thinking to the test.

Class Fee: \$3

Class Maximum: 16

Class Instructor: Prof Lee R. Skabelund

Improvabilities , 344, 444, 1044

Have you ever wanted to try improv? Are you wanting to take a course that makes you laugh? Are you someone who wants to become more comfortable acting silly in front of others?? Well, then do I have a class for you! In this class we will play different improv games to help you become a better actor, speaker, and leader. The possibilities are endless with Improvabilities!

Class Fee: None

Class Maximum: 25

Class Instructor: Miss Katherine Donaghue

Intro to Rock Climbing, 545, 1245

*This class will teach you the foundational skills needed to go rock climbing on top rope. You will learn how to put on a harness, how to belay, and how to correctly tie a figure eight follow through tie in knot. Once these fundamental skills are developed, you get to apply your new skills by going rock climbing on our 40 feet tall climbing wall. **You must be 16 years or older to participate in this class.***

Class Fee: \$12

Class Maximum: 10

Class Instructor: Travis Redeker

Jam Session, 446, 646, 746, 1146, 1346, 1446

Celebrate the intersection of Art and Music. View the museum's newest exhibition Jam Session, create a mixed media collage, and share your musical tastes. Participants are invited to bring some of their favorite music to share with friends while working on the art project.

Class Fee: None

Class Maximum: 15

Class Instructor: Kathrine Schlageck

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K-State Through the Lens, 247, 947

Join us on a photo scavenger hunt through the beautiful K-State Campus! We'll start off by walking over to the KSU Botanical Gardens, where we will work on taking close-up photos of bugs, and of course, flowers! Then we'll make our way through the rest of the K-State campus, where we will capture photos of the historical buildings and beautiful landscaping. Make sure to wear walking shoes, and to bring a camera (if you own a smart phone, the camera on that should work.), water to keep you hydrated, and your imagination!

Class Fee: None

Class Maximum: 15

Class Instructor: Hannah Fox

Leadership Through Cutthroat Kitchen, 248

Its back! "Cutthroat Kitchen" isn't a typical cooking competition. A team , in addition to being a chef, must be able to outwit and, at times, sabotage opponents in order to win. The chefs spend the money at auctions to get things that could help them, but in "Leadership Through Cutthroat Kitchen" team work and leadership skills will help you the most!

Class Fee: \$10

Class Maximum: 16

Class Instructor: Ms. Lori Bammerlin

Let's Talk 4-H!, 449

Do you enjoy having fun while learning more about yourself, others and 4-H? Come explore how with a twist to popular board games such a Jenga inspires opportunities for engaged laughter and stimulating conversations. The challenge awaits!

Class Fee: None

Class Maximum: 20

Class Instructor: Pam Van Horn

Lights, Camera and a TON of Action, 550

Want to learn about sports photography? There's a special art to storytelling through a sports photo. Check out this class that will teach you the basics of shooting sports photos, a round of kickball on Anderson lawn and the ability to get active and creative through sports photojournalism!

Class Fee: \$4

Class Maximum: 40

Class Instructor: Spencer O'Daniel

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Make America Great: Discover the Insights to Serving in Congress, 251, 551

We all think we know about how the business of politics and policy happen in Washington, D.C., but do we really? In this hands-on simulation, you will get to take on the role of a newly elected member of Congress. You can discover all of the decisions, challenges and pressures they face on a daily and fast-paced basis. This session will get you excited about the possibilities of elected office and present you a greater appreciation for how these elected leaders serve their constituents.

Class Fee: None

Class Maximum: 50

Class Instructor: Sheridan Wimmer

Making and Remaking Gender: A Writing Workshop, 1252, 552

How do we learn what it means to be a "girl" or a "boy"? Through a discussion of a one-page short story by Jamaica Kincaid, we will think about the way gender--as it intersects with race, class, and other factors--is socially constructed, and then, by writing your own very short story, think about how your own gender identity has been shaped, both by yourself and others.

Class Fee: None

Class Maximum: 40

Class Instructor: Angela Hubler

Managing Conflict: Making the Community Better by Resolving One Conflict at a Time – 353, 453, 1053, 1153

Conflict resolution skills are skills that everyone needs. Used effectively, these skills can promote individuals' capacities and responsibilities for making decisions about their lives, build a sense of community, foster mutual respect and cooperation, and enhance their personal relationships. This class will provide attendees with the knowledge and applicable skills to be better classmates, friends, family members, and community members. Emphasis will be given to ways to manage conflict more effectively as well as activities that allow attendees to practice these skills.

Class Fee: None

Class Maximum: 30

Class Instructor: Hunter Stanfield

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Managing Flowering and Reproduction for Improvement of Crop Plants, 654, 754

Flowers on plants are used for sexual reproduction, and the product of successful reproduction is the formation of fruit and seeds, which we use for human food, animal feed, and industrial products. We will examine flowers from different plants to appreciate the diversity of forms and types. Flower structure will also be related to method of pollination – insect, wind or self-pollinated. Ways we must control pollination in plant breeding will also be demonstrated. New tools in molecular biology, genomics, and genetic engineering used to facilitate crop improvement will be discussed. We will conclude with a discussion of career opportunities available in molecular biology, plant science and crop improvement.

Class Fee: None

Class Maximum: 20

Class Instructor: Kevin Donnelly

Meat Judging 101 – 1355

Join the Kansas State University Meat Science Department to learn the basics of meat judging. We will discuss quality grading and yield grading, as well as the basic placing of classes. Please wear closed toed shoes and long pants.

Class Fee: None

Class Maximum: 35

Class Instructor: Miss Emily Rice

Meat Science 101 – 255, 555

Come get a taste of the exciting world of meat science! Learn how ingredients are selected to make delicious meat products and see the equipment that is used in the process. After stuffing their own bratwurst, participants will have the chance to eat their freshly made brats. You will walk away with a full belly and a new understanding of how important science is in making safe, tasty food. Long pants and closed toe footwear must be worn, no shorts, sandals, or flip-flops are permitted in food production areas.

Class Fee: \$10

Class Maximum: 30

Class Instructor: Lindsey Drey

Monarchs on the Move, 1056, 1156, 1456

Have you ever wondered about the life of those beautiful Monarch butterflies that travel through our area? Where do they come from and where do they go? Come and explore their life and learn about how you can attract these and other pollinators to your yard. Participants will go home with the tools to start a butterfly garden.

Class Fee: None

Class Maximum: 20

Class Instructor: Susan Schlichting

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My Classroom Could be a Reality Show , 457

Come to this session to play a hashtag game to learn what motivates us to be teachers. Then we will talk about the difference between teaching and facilitating. Finally, we will look at your future students and classrooms with new eyes. (You can have your eyes back at the end.)

Class Fee: None

Class Maximum: 20

Class Instructor: Ms. Kelly Briggs

One Purple, Many Paths, All K-State Ag!, 458

60,000 jobs open every year for careers in agriculture, food, and natural resources for college graduates. Currently, there are only about 35,400 graduates a year to fill those positions. The College of Agriculture has a 96% job placement rate, which means that there are many opportunities waiting for you! Learn about all of the majors in the College of Agriculture and find out which path might be best for you!

Class Fee: None

Class Maximum: 30

Class Instructor: College of Agriculture

Planning your 48 Hours of 4-H Project, 659, 1159

This is your opportunity to learn more about the Kansas 4-H Service Challenge - 48 Hours of 4-H. The goal of this project is to challenge 4-H members in every extension unit to plan a project sometime during the October 13-14 weekend and to make an impact across Kansas. Each 4-H club or extension unit can choose how best to show service in their community. The Kansas 4-H Youth Leadership Council is looking forward to working with you to plan your project. Participants will learn how to plan and execute a great local project for this fall and how to be a part of this collective impact in Kansas 4-H. Participants will also receive a 484H t-shirt!

Class Fee: \$7

Class Maximum: 32

Class Instructor: Kansas 4-H Youth Leadership Council Members

Plants of the Tallgrass Prairie, 960

We will take a walk on a local prairie and identify various grasses, forbs (wild flowers) and shrubs in the area. Learn other interesting facts concerning these plants including grazing value, use for wildlife, and medicinal uses.

Class Fee:

Class Maximum: 25

Class Instructor: Dr. Walt Fick

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Putting Your 4-H Experience to Work for You, 461, 1161

Where do problem solving, teamwork, decision making, and critical thinking come together? Perhaps in your next job or leadership opportunity! Engage with other youth from around the State to explore your current 4-H involvement and get ideas on how you can use your 4-H club, project and community experiences to enhance your applications or resume. Wait a minute, do you even have a resume? You will learn how to create a resume too!

Class Fee: None

Class Maximum: 25

Class Instructor: Karen Nelson

reDesign Denim, 562, 1262

Don't throw out that old pair of jeans, reDesign them. We'll use several techniques to turn a pair of jeans into fun and useful items such as an organizer, cell phone caddy, and much more. Fee includes all supplies for projects you'll make and take.

Class Fee: \$15

Class Maximum: 20

Class Instructor: Mrs. Angie Stika

Relationship Smarts, 463, 663, 1163, 1363

Relationships can be complicated. It is important to be in touch with your personal values before entering into relationships. Come learn about how to communicate what is important to you in relationships, the stages of relationships, and tips to avoid unhealthy relationships. This class is for everyone, whether you have dated a lot or none at all, you will still pick up some valuable information about what it takes to be in a healthy relationship .

Class Fee: None

Class Maximum: 30

Class Instructor: Erin Tynon and Rebecca McFarland

Resumes & College Preparation, 364, 464, 664, 764

You have a story to tell! Let's tell it with your Resume! We'll also look at college salary surveys (how much you expect to earn) and how to get money you need for school. Recommended for those who have completed 8th grade and above.

Sample Resume. https://docs.google.com/document/d/1PABmZ_1z06oJSNtanXcaHc9ZlfpQtM8-VJmAOmwAOPE/edit?usp=sharing

Class Fee: None

Class Maximum: 100

Class Instructor: Jill Ewing

Rock Climbing, 465, 1165

Kansas may be flat, but our 40 ft tall indoor rockwall is not. Come let our staff get you geared up so you can learn how to climb up the wall. Staff will belay students as they learn a little bit about the sport of rock climbing and get to climb up the wall.

Class Fee: \$6

Class Maximum: 12

Class Instructor: Travis Redeker

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Safe Dates, 466, 666

Has someone ever made you feel that you're not good enough? Have you ever had someone make you feel you needed to do something to stay in a relationship? Have you ever felt that your life was threatened or had suicidal thoughts? If so... this class may be for you. Safe Dates will take you through criteria of what an abusive relationships look like, help you identify red flags of an abusive relationship and help you prevent yourself and loved ones in an abusive relationship.

Class Fee: None

Class Maximum: 30

Class Instructor: Trisha Hines & Anne Pitts

Social Storytelling, 367, 467, 1367, 1467

Tell your story through written word and mobile video. Stoke your creativity and learn about writing fiction and nonfiction for print and social media platforms. Learn the art of interviewing and storytelling. Explore exciting careers that use writing, video production and social media.

Class Fee: None

Class Maximum: 20

Class Instructor: Miss Kylie Kinley

Stories of Japan and South Korea, 1368

The United States has developed many ties to Japan and South Korea since World War II. We buy their cars, electronics and entertainment technology. They want to buy our agricultural and popular products. But what do you know about the way citizens of these countries live? Grayson Pray, a Kansas 4-H'er who spent two months in Japan last summer, and Yuka Maehira, a Japanese student, who is spending the school year with a Kansas 4-H family, will share the Japanese culture. Paul Park is a Korean student currently living with a 4-H family on a 4-H school year exchange. They will share stories of school, language, food and daily life in these countries and ours. We will sample sushi and kimchi, do some crafts, and play a game. There will still be time to tell you about 4-H exchange programs and how you can host for a month or school year or travel to South Korea or Japan for a month or two and live with local families.

Class Fee: \$2

Class Maximum: 40

Class Instructor: Dr. Mary Kay Munson

Storytelling in Cultural Anthropology, 469, 669, 1169, 1369

At the time of publication the class description for this session was not available.

Class Fee: None

Class Maximum: 50

Class Instructor: Dr. Trevor Durbin

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Studio Video Production, 170

Produce and record a newscast and music video in a broadcast studio.

Class Fee: None

Class Maximum: 24

Class Instructor: Tyler Traxson

Swine Production , 271, 571

Sign up for swine production and tour the KSU Swine Teaching and Research facility! We will walk through each stage of production and provide you with details on how pigs are raised today within these facilities as well as commercial production. This is a unique opportunity to get inside of a small pig farm and interact with people with real commercial experience!

Class Fee: None

Class Maximum: 20

Class Instructor: Lori Thomas

Technology in Horticultural Careers, 272

Explore information about using technology in horticultural careers through hands-on soil and plant activities which will include the use of drones, robots, automation and the green wall. Create and design two plant arrangements - one to take home and nurture and one to be given away. Join us as we investigate the wide array of career opportunities in the horticulture industry through technology.

Class Fee: \$25

Class Maximum: 20

Class Instructor: Patsy Maddy - Nicole Martini

Telling Your Story with Verse and Song, 1173, 1473

The art of putting words to rhyme and rhythm is found in many cultures and is as old as language itself. Poetry, either in the form of a poem or song should tell a story, and from "growing up to growing grey" story telling remains our most powerful communication tool. Poetry is a way of using words and rhythm to give the listener an image and meaning in an artistic and memorable way. Poetry paints pictures in words and delivers images in a tempo that keys into our natural way of speaking and listening.

Learn the basics of lyric writing for either poems or songs during this class. Bring pen, paper and an idea - or just come with a creative open mind. Learn the difference between a song and a poem while exploring the origins of cowboy poetry. Learn the importance of word rhythm and learn how words can make others see what you see, feel what you feel, and hear what you hear as you tell your story

Class Fee: None

Class Maximum: 40

Class Instructor: Jeff Davidson & Ron Wilson

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The art of AGvocacy, 474, 1174

We will explore the art of agricultural advocacy and sharing our industries story through the use of social networking systems; Facebook, Twitter, Instagram, Snapchat. We will discuss the importance of being a positive advocate, knowing how, when and if we should reply to questionable posts or articles we reason on the internet. Participants will put to use the ethical characteristics of a positive communicator using their own personal SNS to share a story and work in groups to respond to scenario situations that will challenge their method of thinking.

Class Fee: None

Class Maximum: 40

Class Instructor: Jake Renner

The Magic of Teaching, 1175

Thoughtful, reflective and in-depth problem solving is a challenge for many people. Learn how to use magic and other engaging techniques that provide the tools to use the magic of teaching to encourage such in-depth problem solving. Students will leave the seminar with the ability to conduct several simple magic tricks and the ability to teach these tricks to others.

Class Fee: None

Class Maximum: 20

Class Instructor: Kelly Briggs

The Need for Feed, 176, 876

Have you ever wondered why sandwich bread is so soft and why bran muffins are so heavy? Why pancakes are different from tortillas? How grain is converted from seeds into flour? Why gluten is important to bread? Where chips get their crunch? Why your cookies are moist and dog treats are so hard? These are just some of the questions explored every day by grain scientists. Baking, milling, pet food, and animal feed are important products in our grocery carts. Come turn wheat into flour, make something baked, both for people and for pets, and learn about careers in Bakery Science, Animal Food and Pet Food Science, and Milling Science.

Class Fee: None

Class Maximum: 24

Class Instructor: Fran Churchill

Thrifty Threads, 577, 1277

Let's go shopping! Yes, during this class, you get to go shopping in the local thrift stores in Manhattan. Join us and learn techniques on how to shop on a low budget and what to look for. Your task for the afternoon is to bring \$25.00 with you to go shopping. You will choose and purchase an outfit and accessories to make a complete outfit for \$25.00 or less. Then we will return to campus where you will model your outfit for judges. If you win the best outfit for the cost you paid, you will win a prize.

Class Fee: \$3 (You will need to bring \$25 with you for this class)

Class Maximum: 25

Class Instructor: Melinda Daily

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Tools of Wedding Planning, 278

Have you ever thought about planning your own wedding or becoming a wedding planner? This class will give you the tools of the trade to see if wedding planning is an option for you as a career. Visit with local wedding planners and see how they put together a wedding that meets and exceeds their couples vision for their special day!

Class Fee: None

Class Maximum: 25

Class Instructor: Nancy King

Travel through the Lifespan, 579

Take a journey through the lifespan and learn of some experiences people encounter at different stages of their development. Using games, activities, and simulations, you will gain knowledge on the stages of the lifespan. Understanding development throughout the lifespan is a powerful tool for being effective at providing care and services to others.

Class Fee: \$5

Class Maximum: 35

Class Instructor: Kaylee Seyferth

What's That Plant's Name?, 580

Plants give us food, clothing, medicine and building materials. They beautify our landscapes and homes. Grasses and forbs feed our livestock, and the Kansas prairies and woodlands are homes to hundreds of wildflowers, trees and shrubs. A single plant may have various common names, but it only has one scientific name. The purpose of this class is to teach the 4-H participant how to find the plant's correct scientific name. The student will learn about plant morphology, the scientific naming of plants, plant classification, and the use of dichotomous keys. A hands-on practice of identifying several Kansas tree species helps reinforce concepts of plant morphology and the use of dichotomous keys. Important tips to help the students quickly finding the correct plant names using various resources will also be given.

Class Fee: None

Class Maximum: 20

Class Instructor: Mr. Jacob Weber

Youth for the Quality Care of Animals (YQCA) Training, 981, 1281

Livestock projects are a great opportunity to learn about animal production, as well as the animal science industry. One component of livestock projects is learning about animal welfare and producing a safe and wholesome product for consumers. Becoming a young leader in the industry involves going beyond the show ring to become a responsible and knowledgeable advocate for food production. Youth for the Quality Care of Animals (YQCA) is a new, national multi-species youth livestock quality assurance program released in March of 2017. Attend this class to learn about the new program and livestock quality assurance in a fun and interactive setting! Attendees will leave the session YQCA certified.

Class Fee: \$3

Class Maximum: 24

Class Instructor: Lexie Hayes

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Techniques of Tailgating

Join us for a fun afternoon as we learn about food safety tips for preparing and transporting food! This is a hands-on class where the youth will prepare and cook their own food! We will play yard games while our food cooks and tour some athletic buildings on campus.

Class Fee: \$15

Class Maximum: 30

Class Instructor: Katie Townsend