# 2016 Summer Conference Class Schedule

The classes for this year are listed below in alphabetical order by session. You can read about each class in the class descriptions list available on the Summer Conference webpage. Choose one class for each session. You MUST have one Community Service class in your schedule.

The Community Service classes are shaded gray.

## Workshops for Thursday, June 23

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<th>Session C - Thursday 1:30</th>
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<tr>
<td>Dog Agility</td>
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<td>State Ambassador Interviews and Training</td>
<td>Artificial Insemination/Preg Check</td>
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<tr>
<td>Explore the Wonders of Wildlife</td>
<td>Golf</td>
<td>3D Modeling with Sketch-Up</td>
<td>Business College Tour</td>
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<td>3 K Walk</td>
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<td>Boot Camp</td>
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<td>5K Run</td>
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<td>Become a Presentation Ninja</td>
<td>Anatomy of the Heart and Eye</td>
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<td>Congress and Ambassador Interview Practice</td>
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<td>Country Western Dance</td>
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<td>Log Rolling</td>
<td>Dresses for Africa</td>
<td>CSI: Crime Scene Investigation</td>
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<td>OSU Tour</td>
<td>Get Financially Fit</td>
<td>Engineering Tour</td>
<td>Preserving Oregon Berries</td>
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<td>Oh the Places You’ll Go</td>
<td>Get Financially Fit</td>
<td>Quality Livestock Projects</td>
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<tr>
<td>Yoga</td>
<td>Salsa</td>
<td>Good Food, Good Mood</td>
<td>Self-Defense</td>
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<td>Teen Leadership Development</td>
<td>To Dye For</td>
<td>Knot Alone</td>
<td>Sewn Zipper Bags</td>
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<td>Wave Lab Exploration</td>
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<td>World of Cheese</td>
<td>Quality Livestock Projects</td>
<td>Table Setting</td>
<td>Water Color Pencil Artwork</td>
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<tr>
<td>To Dye For</td>
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<td>Wonderful Word of Wood</td>
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<tr>
<td>Old MacDonald Has A Drone</td>
<td>Chemistry Investigations</td>
<td>Flower It Up</td>
<td>Keep Them Busy</td>
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<td>Original Flowers</td>
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<td>Fly Tying</td>
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<td>OSU Tour</td>
<td>Collegiate 4-H</td>
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<td>Pack It In... and out</td>
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<td>Ritmos Latino Dancing</td>
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<td>Recycled Postage Stamp Ornaments</td>
<td>Origami Flowers</td>
<td>Old MacDonald Has A Drone</td>
<td>Skills for Success</td>
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<tr>
<td>Reverse-Engineering Your Story</td>
<td>Radiation Center Tour</td>
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<td>Avery Park</td>
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2016 Summer Conference Class Descriptions
(tentative as of April 19)

(CS) = Community Service Project

3-D Modeling with Sketch-Up
Learn the basics of using Sketch-Up, a useful (and free) digital modeling program that many design firms use professionally. In this class we'll build a simple form in 3-D, and come away with the tools to learn more. This intuitive tool can be used to make a prototype of your own original design, invention, or concept, as well as make cool renderings and videos of your creation.

3K Walk
Don’t feel quite up to running 5 kilometers? No problem. This 3k walk will get your blood flowing in a way that is relatively low in intensity. Let’s see those power walking skills!

4-H 101 for Military Youth
A new class for all youth at Summer Conference that have a parent currently serving in a branch of the United States Military and are attending on a military scholarship. The class will be an opportunity to connect with fellow Military Youth attending Summer Conference and interact with the 4-H Staff, State Ambassadors, the Oregon National Guard Child & Youth Program staff, and Military Teen Panel Members.

5K Run
Do you like to run, even at a slow pace? Feel like challenging yourself a bit? Come try this 5k run! This is a nice, relatively short distance that is great for all kinds of people. You don’t have to be a great runner to be able to succeed in the 5k, so come and give it a try!

Agriculture Tour
We will leave campus behind and start our tour at a turn-of-the century farm located in the West Hills of Salem, the home of Sundance Lavender Farm. Next we will visit the Eola Hills Vineyard and round out our tour at the Blue Raevven Farms orchard, home of great tasting blueberries and incredible pies of all kinds! This tour is packed full of sights to see!

Anatomy of the Heart and Eye
OSU Veterinary Medicine Professor, Dr. Niguissse, will lead this class on animal anatomy in the vet school’s anatomy classroom. The first part of the class will involve discussion of the anatomy and function of the heart and eye. In the second part of the session, you will dissect hearts and eyes.

Animal Science 101
Practice basic veterinary procedures and learn how to perform them in your own barn. Learn about breeds, management(nutrition, housing, etc.), and showmanship of both small and large animals in 4-H.
**Animal Science Tour**
Tour the animal science facilities at Oregon State University. Visit the Dairy Barn, sheep barn, Horse Center and more. Take a look at new additions to the department and the various off-campus facilities where livestock are housed. You’ll also learn a lot about the Animal Science program at OSU.

**Artificial Insemination/Preg Check Clinic**
This will be a hands-on workshop where you will learn techniques and procedures for artificial insemination (AI) as well as determining if cows have been successfully bred. You will have the opportunity to look at semen samples under a microscope to determine if the sample will be effective in the AI process.

**Athletic Tour**
Enjoy this opportunity to visit the athletic facilities of OSU Beaver baseball, football, and basketball. You might even get to meet some OSU athletes along the way!

**Avery Park (CS)**
Avery Park is the largest community park in the Corvallis Parks & Rec. system. Youth who participate in this service project are vital to the yearly maintenance of the park. Possible projects to be completed at the park include spreading bark, maintaining paths, and pulling weeds. Participants must wear closed-toe shoes.

**Be a Travel Pro**
Wanna be a world local? Learn to plan and pack for an international flight! This class will take you through the essential strategies of airline travel; what to do before you buy your ticket, how to search for tickets, what to do once you get to the airport, and researching your destination to know what to pack. Join us and start dreaming up some travel plans!

**Become a Presentation Ninja!**
Should I open with a joke? How should the room be set up? Do I need to create a handout? What font should I use in a PowerPoint? There are so many things to consider when creating a presentation! Although there is not one simple answer to these questions, there are some general guidelines for creating a strong presentation. This hands-on workshop will provide you with great tips and tricks to become a presentation ninja.

**Boot Camp**
Despite the class title, I promise your instructor won't be too much of a drill sergeant! This class mixes strength training and cardio for full-body interval workout. Come kick your body into gear in this fun class!

**Business College Tour**
Tour the state-of-the-art Austin Hall, the new home of the OSU School of Business. Find out about all the business facilities at OSU and learn about the various programs offered.
**Cards For Troops (CS)**

We will be writing letters of appreciation to our military troops serving abroad. This is part a national community service program to encourage our family, friends and neighbors in uniform.

**Cat Showmanship**

Learn how to prepare your cat for 4H showmanship classes. Would you like to participate in the 4H cat project but are unsure of how your cat will react or how to get started? We will go over the cat project basics in this workshop and talk about getting your project started. We will teach you how to prepare your cat for exhibiting and have some hands-on showmanship practice with some seasoned 4H cats. For those already involved with the cat project, you can brush up on your showmanship skills and share with others.

**Chemistry Investigations**

Join OSU Scientists and Engineers for 90 minutes of hands-on science and engineering activities. Activities might include investigations of gases, electromagnets, robotics, catapults, design stability, and batteries.

**Civic Engagement 101**

Are you interested in civic and community engagement? In Civic Engagement 101 you will learn the definition of civic engagement, the importance of community involvement and have a chance to plan a service project to bring back to your club or county. Anna Fledderjohann will provide examples of her civic engagement and community involvement within Lake County and a guest speaker from the OSU Center for Civic Engagement will talk with participants about building community and furthering their engagement in college, specifically at OSU.

**Climbing the Walls**

Spend part of your day at the OSU rock-climbing wall under the watchful eyes of well-qualified instructors. You can literally reach the ceiling as you and a partner work together to reach the top! A release form must be signed by your parent or guardian to participate in this class.

**Coast Experience**

Spend the morning at the Hatfield Marine Science Center where you will participate in live crab races during the Speedy Science class and then learn about squid in a Squid Dissection Lab. After lunch on the beach and seeing the Yaquina Bay Lighthouse, we will visit the “Whale, Sealife and Shark Museum”. The museum features a section on Oregon's summer resident gray whales, a whale, dolphin and porpoise room, a shark room, a tropical ocean room, and lots more. Next we will move on to the Oregon State Parks Whale Watching Center see what’s happening out on the ocean. Then it’s over the Coast Range and back to campus in time for dinner.

**Collegiate 4-H**

Ever wondered how you can stay connected with 4-H while in College? Do you still want to stay in touch with some of the coolest people in the state? Then collegiate 4-H is just for you! Come join us as we talk about collegiate 4-H at Oregon State/ LBCC/other, and how you can start up your own local collegiate 4-H club. Come join us for some snacks, questions, and icebreaker activities as we give you a taste of what Oregon Collegiate 4-H is! (High School members preferred.)
**Coloring for Relaxation**
Coloring is the latest craze in the hobby world. Come explore the myriad designs and techniques of coloring. A variety of color books will be available to peruse. Participants will explore colored pencils, sharpie markers, crayon sticks, and more. Finished projects can be laminated and used as bookmarks, cards, artwork, etc. The possibilities are unlimited.

**Congress and Ambassador Interview Practice**
This class is geared toward members applying for State Ambassador and/or National Congress and will help you understand the interview process. Through this class, you will gain a better understanding of how to be successful in interviewing for these opportunities. Taught by Collegiate 4-H members.

**Congress Interviews**
Previously selected Congress finalists participate in a formal interview with the State 4-H Recognition Committee. Selected delegates will attend National 4-H Congress in Atlanta, Georgia with 1,200 other 4-H members!

**Country Western Dancing**
Hey guys, and gals, cowboys and cowgirls. Wanna learn some good ol’ fashion western dancing? Well then this is the class for you! Stop on bye, grab yer boots (or other footwear) and come learn dances like the famous Foot Loose, Cotton Eye Joe, the Sweetheart stroll, and many more.

**Crochet Pot Holders**
Participants will crochet a geometric self-folding pot holder. Almost an obelisk but not, this pattern is a geometric wonder. It is an old old pattern taught to me by an elderly neighbor years ago. The only stitch needed is a single crochet.

**CSI: Crime Scene Investigation**
4-H members from around the state have converged on College Town for a week of fun and learning when their lives are turned upside down by a heinous crime. Was it a crime of convenience? A crime of passion? Or simply an accident? That is up to you to decide; you, a member of the 4-H CSI team. Learn skills such as handwriting analysis, finger print analysis, foot print analysis and mold/casting making needed to help solve the crime. Can you do it?

**Cupcakes!**
Cupcakes are little bites of deliciousness. Bakers will prepare different filled cupcakes and share them with the class, developing new skills and new recipes. Everyone loves cupcakes!

**Disability: What's your ability?**
You've heard words such as disability, ability, strengths and challenges, but do you know that you possess all of these? Come to this class and get a chance to experience what it can be like to have a disability in a fun and non-threatening environment. We will facilitate small groups of experiential activities and talk about how to increase the inclusive nature of our activities and experience in 4-H. Learn how to make your leadership activities more fun for everyone!
**Dog Agility**  
Try dog agility with members of Willamette Agility Group (WAG) and their talented canine partners. Learn the basics of agility training and handling and even run a course with a borrowed, experienced dog. This class is tons of fun and will leave you begging for more. Woof!

**Drawing–Shading Basics**  
Did you know the type of pencil you use when you draw will change the depth of your drawing? In this hands-on workshop, the participants will get to draw and experiment with different drawing pencils—ranging from hard to soft leads. This class will start with basic shading on simple objects and participants can move at their own pace into more intricate shading techniques.

**Dresses for Africa (CS)**  
You will be helping cut, sew, and decorate dresses to be sent to orphans in Africa.

**Embellished Hats**  
Everyone experiences a bad hair day once in awhile. Sometimes a hat is a fashion statement. Come decorate a hat with flowers, rhinestones, ribbon and buttons and make it YOUR HAT. Bring your creativity; all other supplies will be furnished.

**Engineering Tour**  
Tour all the engineering facilities at OSU and learn about the various programs offered.

**Explore the Wonders of Wildlife**  
Join us for a morning of exploration at Finley Wildlife Refuge. This important national wildlife refuge protects many of the Willamette valley's historic habitats and provides a home for a wide variety of native wildlife. We will be joined by the biologists at the US Fish and Wildlife Service who will give us some hands-on experiences to learn more about these native species. We will also be taking some short hikes around the refuge, so please wear tennis shoes or hiking boots, bring a water bottle, and dress for the weather!

**Extended 4-H Opportunities**  
This class will cover National 4-H opportunities from different national shows to the National 4-H Congress. We will talk about 4-H opportunities with International Exchange Programs and National 4-H Conference. These are all trips of a lifetime. We will be going over how you can go on these trips and what the requirements are. Join us as we discuss these events, work through application procedures, and do get acquainted activities.

**Flower it Up! (CS)**  
Have a hand in putting together decorations for the Saturday brunch! This class will include small craft activities in addition to flower arranging 101. Come learn about aesthetics, what looks great for table decorations and floral designs, and decorations on a small budget.

**Fly Tying**  
Youth will learn the basics of Fly Tying with hands-on learning. This 90 minute class will give you the skills you need to create your own fish catching masterpiece.
Geocaching and Geohiding 1 - Beginning
An introductory course into the use of GPS's to navigate and find specific locations around campus. Includes overview of GPS history, functions, and Geocaching with knowledge of what makes a good geocache. While the class starts inside, we will be walking around campus finding local geocaches and learning how to be an effective and stealthy geocacher. Good walking shoes and a bottle of water will be needed. This class and other Geocaching classes are in tribute to a former Summer Camp 4-H attendee who enjoyed participating every day during camp.

Geocaching and Geohiding 2 - Intermediate
An intermediate course into the use of GPS's to navigate and find specific locations around campus. This class includes working with a Geocaching website and extended knowledge of what makes a good geocache including construction of one in class for deployment in your home county. While the class starts inside, we will be walking around campus finding local geocaches and honing our effectiveness as a geocacher, being environmentally responsible at all times. Good walking shoes, a bottle of water, and a trash bag will be needed. This class and other Geocaching classes are in tribute to a former Summer Camp 4-H attendee who enjoyed participating every day during camp.

Geocaching and Geohiding 3 - Advanced
An advanced course into the use of GPS's to navigate and find specific locations around campus and the city of Corvallis. Includes working with Geocaching website and extended knowledge of puzzles and harder logic questions. While the class starts inside, we will be walking around campus finding local geocaches and honing our effectiveness as a geocacher, being environmentally responsible at all times, focusing on the CITO (Cache In, Trash Out) role of a respectable geocacher. Good walking shoes, a bottle of water, and a trash bag will be needed. Not required, but helpful, is a geocaching account. This class and other Geocaching classes are in tribute to a former Summer Camp 4-H attendee who enjoyed participating every day during camp.

Get Financially Fit!
MONEY! Now that we have your attention, check out this session. Through fun, interactive and multimedia games and activities, learn the basic principles of keys to success of money management, preparing for your financial future, and how to become money smart! Join us for 90 minutes and start becoming financially fit!.

Golf
Do you know the difference between a birdie and a bogie? What does it mean when you hit the golf ball thin or fat? Come spend an afternoon learning about driving, chipping and putting from a PGA Golf Professional at Trysting Tree Golf Course in Corvallis. This class is designed to introduce beginners to the basics of golf. Golf clubs and balls will be provided.

Good Food, Good Mood
Prepare and enjoy healthy snacks and learn how these tasty foods help power your mind and body.
**Home Decor Signs**
Join the decorating craze of "sayings" on your wall. Class participants will make a sign for their home. Choose from "Be Yourself," "Choose Kindness," or "Hello Beautiful." Vinyl lettering will be cut out and transferred to a painted sign. Scroll, hearts and stars will be added to complete the sign.

**Keep Them Busy!**
For junior/teen leaders, camp counselors, Ambassadors, etc that always need ideas on how to keep younger 4-H members busy! Here are some quick game ideas that you can easily teach and play! For 5 minute fillers or longer, make it work to fit your needs!

**Kick Ball**
Remember grade school recess and the game of Kickball? Well, kickball isn’t just for recess anymore! Come join this turbo-charged competitive version of your favorite school-yard game. While it runs much like baseball, instead of hitting a small ball with a bat, you kick a large rubber ball, and players run the bases and field the ball. It’s easy to learn, but it will keep you moving and on your toes.

**Knot Alone (CS)**
Knot Alone is a community service project organized by Jefferson County 4-H Kiturah Cloud. The project is to make “no-sew” fleece blankets to be donated to local cancer patients. Blankets made during the 2016 Summer Conference will be donated to the Legacy Emmanuel’s Cancer Healing Center. Come and learn how to make fleece blankes using knots instead of needle and thread. Let’s blanket the Healing Center with fleece!

**Line Dancing**
Want to be "busting a move" when “Cotton Eyed Joe” comes on? Well here’s your chance! In this class you will learn all the most popular line dances. You’ll be boot-scoot-and-boogying like a pro when you’re done with this fun class!

**Linn-Benton Food Share (CS)**
Linn-Benton Food Share annually distributes over 4 million pounds of food. During your afternoon here, you will be helping to repackage and sort food items for distribution to local organizations.

**Log Rolling**
Log rolling is an aquatic sport and recreational activity in which participants use foot work, core strength and balance to stay on top of a spinning log in the water. It offers participants a fun balance challenge with strong fitness benefits. No experience is necessary. Participants must wear a modest bathing suit, which may be covered by a shirt and/or shorts if desired. No footwear is needed.
**Oh the Places You’ll Go**
Come one, come all and learn about all the opportunities for inbound and outbound international exchange through 4-H International Programs and all the new SCHOLARSHIP MONEY available to Oregon 4-Hers wanting to go abroad! Also come prepared to sample some international cuisine and learn about all the countries and cultures that 4-H participates in international exchange with....as Dr. Seuss said, “Oh, the places you’ll go!”

**Old McDonald Has a Drone!**
Join Extension's own DroneSinger (Victor Villegas) as he guides you through the basics of aeronautics. Learn how drones are being used in research and agriculture and what the future holds for these cool flying robots. You will also get a chance to fly a drone via a flight simulator and even try your hand at programming a real micro drone to fly autonomously. Finally, you will learn about current drone regulations in the United States and flying safe in the NAS (National Airspace).

**Origami Flowers (CS)**
Learn how to fold beautiful origami flowers and then make ones to decorate the tables at the Saturday brunch.

**OSU Tour**
Learn how to apply and be admitted to Oregon State University. Then take a tour of OSU’s beautiful campus. Come see all that Oregon State has to offer.

**Pack it in... And out!**
Are you a camping enthusiast? Well, if you've never tried camping with only the gear you can carry on your back, you're missing out on the best way to explore the great outdoors! Attend this workshop to learn which items are truly essential, insider tips for packing all that gear in your pack, Leave No Trace principles, and basic skills in backcountry travel and overnight adventures.

**Preserving Oregon's Berries**
Learn to preserve Oregon's delicious berries. We'll jam, juice, can and sample, mix with vinegar for trendy shrub drinks and learn why we love pie! This just might encourage you to pick a few.

**Produce for the People (CS)**
Produce for the People garden grows fresh nutritious food for low-income individuals and agencies while providing opportunities for gardeners of all ages to grow, learn, and contribute to their community. They donate a large portion of their produce to the local food bank. You will be planting, weeding, watering, harvesting, moving leaves and compost, possibly painting picnic tables, cleaning tools, and anything else garden related.

**Quality Livestock Projects**
Come learn about livestock quality assurance. Practice safe procedures in administering shots and see how well your animal passes the safe taste test. All livestock producers should be aware of their product quality - come learn how to guarantee your 4-H livestock project is top notch!
Radiation Center Tour
When was the last time you got to say you saw a functioning nuclear reactor? Well, come to this class and witness the inner workings of a research reactor as we tour OSU’s on-campus radiation center! You won’t glow in the dark when you leave, but the light bulbs in your head will sure come on with all the cool science you will learn.

Raising Pens of 3
Interested in learning how to raise a pen of three rabbits for county fair? Then this class is for you! In this class, we will be going over the basics of feeding and watering, choosing your stock, which kits to use from the litters, and much more. We will also include information on raising rabbits for the ARBA (American Rabbit Breeders Association).

Recycled Postage Stamp Ornaments
Design an ornament using recycled postage stamps. With glue, scissors and a form, beautiful ornaments can be made. Each recycled stamp is applied individually. Unlimited designs and projects can be made. Creativity and a little patience are required for this interesting art project.

Reverse Engineering your Story
Once you decide to live a good story, what happens next? How do you decide what to do with your life? And once you decide, how do you get there? The answer lies in reverse-engineering. In this workshop, Kyle Scheele, our keynote speaker, will help students “begin with the end in mind,” backtracking step-by-step to plan out the right path to reach their dream. Students will walk away with a list of actionable steps to take towards achieving their dream and living a better story.

Ritmos Latino Dancing
Come and have fun moving your body to the Latin rhythms of Samba, Cumbia, Merengue and more. Get your cardio workout of the day while having fun and learning some moves!

SAGE Garden (CS)
SAGE is a one-acre education and production garden where they grow 3-4 tons of produce each year that is donated to local hunger relief agencies. Volunteers will be able to assist in all parts of the growing cycle at the garden: planting, tending, and harvesting.

Salsa
Salsa can be made in endless varieties using countless different ingredients. Although it is technically a type of sauce, this Mexican creation is most often used as a condiment, appetizer, snack food, or accompaniment for meat, poultry, and fish. Participants will choose their ingredients and invent a salsa. Fresh flavorful ingredients will be chopped, diced, juiced and combined to make outstanding salsa to share with the class. Come prepared to combine the sweet and spicy flavors for salsa.

Self Defense
A basic introduction to some self defense techniques. Anyone is encouraged to try it out! There will be some choke defense, defense from attack and situational awareness. It will be a fun, laid back class, but be ready to learn and participate!
Sewn Zippered Bags
Everyone can use a bag to stash things in. These handy zippered bags are perfect for cell phone chargers or use them as a make-up bag in your purse or backpack. Participants will fuse interfacing to fashion fabric and sew a bag during class. Some sewing skills are needed.

Skills for Success
Think you are ready for the real world? We have a list of skills you will surely need to master before setting out on your adventure. Join us to learn everything from tying a tie and ironing a shirt to introducing yourself and addressing an envelope! Rotate through a multitude of stations gaining skills for you to be a success.

Small Animal Farming 101
Learn the basics of how to successfully raise and show poultry and rabbits! This class will touch on selecting animals for breeding programs, creating a suitable housing environment, small animal health, and basic showing and conditioning skills. There will also be a time to ask any questions you might have on working with the most popular small animal species.

Soccer
Have some fun playing the world’s most popular sport. Kick the ball around and play soccer games while learning new skills. This is not a game of soccer, but rather a series of semi-competitive and non-competitive team and individual skill development games.

State Ambassador Interviews
This is the interview and speaking test portion of the State Ambassador Team selection process as well as initial training. Members should sign up for this class if they wish to try out for the State Ambassador Team and have submitted an application (due June 1).

Surviving a Zombie Apocalypse
The Zombies are coming, the Zombies are coming! What do we do now? Hmm... a better question is "what should we have done in preparation of the Zombies' arrival"; how do we keep our brains from being their next meal? Our very survival depends on preparing before such an event occurs. This interactive, physically active class will get your mind reeling with the steps we need to take to survive any disaster, including a Zombie Apocalypse. Are you prepared?

Table Setting
How many forks do I use? Where do they go? Come to this fun, hands-on workshop where you will learn the answer to these questions and more. Have fun coming up with a menu and set the table to match the menu. Then become the judge and critique each other and the instructor. The new State Fair Contest and guidelines will be explained.

Teen Leadership Development
Come learn how to expand your leadership opportunities in 4-H and strengthen your skills. Learn how to communicate with potential 4-H members, business owners, and potential sponsors. Participants will learn what it means to be an Ambassador for 4-H and how to apply the information that is learned to their own county program.
To Dye For
There are any number of ways you can bind, stitch, fold, twist or compress cloth for Shibori, and each way results in a very different pattern. In this class we will try different techniques of Shibori fabric dyeing, from Miura to Itajime. Come prepared to use your imagination and get messy.

Vet School Tour
Learn what it takes to be a veterinarian and a student of veterinary science at OSU. Visit the College of Veterinary Medicine and see if this might be the career for you. View the small and large animal hospitals in action, with the possibility of observing animals being examined and treated. Visit the animal diagnostic lab and the vet student classrooms. (Participants must be age 16 or older.)

Water Color Pencil Artwork
Water Color pencils are a great way to create your art. Artists will draw a still life and then finish the artwork with a water wash. Several other water color techniques will be taught. Several projects will be completed during class. Artistic talent is a plus, but not necessary for this class.

Wave Lab Exploration
Do you want to learn about waves? Learn about ocean engineering, waves and tsunami research, and observe demonstrations in the Tsunami Wave Basin. It will be waves of fun!

Wonderful World of Wood
Students will learn about trees, wood anatomy and structure in particular, and how wood anatomy influences properties such as permeability and strength. The structure of the session will be a brief lecture followed by hands-on exercises.

World of Cheese
Make your own cheese. Hear how cheese-making is an applied science involving microbiology, chemistry, biochemistry, and engineering.

Yoga
A vigorous array of flowing asanas coupled with some meditation and yoga philosophy. Cultivate increased flexibility, strength, endurance, balance, and peace of mind, body, and heart. All levels will be challenged. Bring your energy!