

## 2016 High School Ag Career Day

The 3i SHOW is working hard to bring a full schedule of activities to high school ag students. High school ag teachers, their students and parents, high school counselors, and extension agents are all invited. Those planning to attend are asked to RSVP using the form online at <http://3ishow.com/wp-content/uploads/2014/03/rsvp.pdf>.

Sessions will be held at 9 a.m., 11 a.m., 12 p.m. and 1 p.m. The 10 p.m. session will be attendance at Opening Ceremonies in the WSBE Arena on the dirt side of the building.

### DIESEL SAFETY

O-381-O-386 – Foley Equipment Company, Wichita, KS, and Dodge City Community College, Dodge City, KS  
Safety around machines and engines from both the operator and technician viewpoint will be discussed, including egress and basic potential pinch points. Basic maintenance will be covered. What is the difference between the fluids and what is their purpose? Career opportunities, career pathways and education needs will also be covered. What positions are available for both entry level and experienced career seekers? The career path and how to navigate/explore those options within a company will be explained as well as education requirements and what a high school student can do to prepare.

### FARM CHEMICAL SAFETY

I-324 – Crop Production Services, Garden City, KS

Thousands of farm workers are injured and hundreds die in farming accidents every year. According to the National Safety Council, agriculture is the most hazardous industry in the nation. An in-depth discussion of chemical accident prevention will be held.

### GPS GUIDANCE TRAINING RIG

O-68 - Northwest Kansas Technical College (NW Tech), Goodland, KS

The Northwest Tech Precision Agriculture program has equipped a 5-person KuBota ATV with several of the latest GPS/GNSS tractor guidance and hydraulic auto-steering systems. The specially modified ATV will be used to train precision agriculture students in how to install, calibrate, and operate several different, but integrated GPS tractor guidance systems all from within one easy-to-drive platform. The platform allows for more than one student at a time to engage and observe command console procedures, while still using familiar vehicular controls. The rig will also be used to perform Electromagnetic soil mapping. This presentation will demonstrate several of the training platform's capabilities.

### INFRARED FIELD MAPPING WITH AN UNMANNED AERIAL SYSTEM

O-68 - Northwest Kansas Technical College (NW Tech), Goodland, KS

The Northwest Tech Precision Agriculture program has several fixed wing and rotor-craft Unmanned Aerial Systems equipped with infrared and 4-Band sensors. These sensors can measure the performance of each plants photosynthesis, along with each one's potential Nitrogen intake potential, within 10 major cereal crop varieties. This mid-season data allows growers and their consultants to identify potential infestations, disease, and other plant stresses before they grow in magnitude. This presentation will demonstrate the basic application of how a UAS acquires crop data and how the data is processed for agronomic use.

### RODEO SHOWCASE – 1:00 p.m. ONLY!

WSBE Arena - Dodge City Community College, Dodge City, KS

The DC3's new Head Rodeo Coach, Doug Munsell, will bring his Rodeo Team to highlight many exciting rodeo events. DC3 Admission Representatives will be available during the last 15 minutes of the program to answer questions regarding the DC3 programs and career opportunities.

## USDA CAREERS

I-127 – United States Department of Agriculture FSA and NCRS

Representatives from the local Farm Service Agency and Natural Resources Conservation Service offices will talk to students about careers with the United States Department of Agriculture. Students will learn about these agencies' missions, and how USDA programs implemented at the local level help agricultural producers continue to provide a safe and secure food supply. Agency reps will also discuss specific career positions available, the skills and education required for those positions, and how to apply for internships and positions with the USDA.

## WHAT IN THE WORLD IS WELDING?

O-485-486 – American Welding Society, Miami, FL

The AWS Careers in Welding Trailer gives students a first-hand look into the exciting world of welding! Once on board, students will get to learn about the science of welding through several hands-on exhibits. The trailer's main attraction are the four virtual reality welders that simulate two different welding processes. Information about careers in welding, scholarships, and other related topics are available inside. **Climb aboard, and spark your passion for welding today!**

*American Welding Society session attendees will be eligible for a **\$100 GIFT CARD GIVEAWAY!** Any HIGH SCHOOL STUDENT who attends the AWS Careers in Welding Trailer session will receive a ticket as they exit the trailer. The winning ticket will be drawn at 1:45 p.m. at the AWS exhibit located at O-485-486.*

## WORKPLACE SKILLS

I-138-139 - Kansas 4-H, Kinsley, KS, and Dodge City Community College, Dodge City, KS

“Don't Fall in the Gap! The Top 5 Skills Needed to be Successful in the Workplace” will be presented by Amy Sollock, K-State Research and Extension Area 4-H Specialist, and Amy Collins, K-State Research and Extension Stafford County FCS Agent. Employers across the nation struggle with hiring young people who possess the necessary skills to be successful in the workplace. Don't be one of the thousands that are let go and are labeled “unemployable!” Join K-State Research and Extension 4-H professionals as we explore the trends in the job market. Find out what you can do now to ensure success as an adult in the work world.

**\*\*Sessions subject to change\*\***