Agricultural Machinery Technology, Cert, AAS

Department: School of Applied Sciences, Technology and Education
College: College of Agriculture and Applied Sciences

Overview

About This Degree

USU offers both a one-year technology certificate and an associate's degree in agricultural machinery technology. This program is the only one of its kind in the western United States and is endorsed by the Implement Dealer's Association, which represents dealers and manufacturers of agricultural machinery throughout the region. In addition to coursework training, machinery dealerships and companies hold in-service training at USU where students can receive training and certification for repairs and operations of the latest agricultural equipment. Upon completion of these programs, employers are always seeking after students from USU's program, resulting in extremely high job placement.

The one-year certificate program is designed to familiarize students with the agricultural equipment industry. Certificate requirements include technical hands-on training on engines, power trains, hydraulics, DC electrical, and specialized forage, harvesting, tillage, planting, and spraying equipment.

The associate's degree is a second-year continuation of the certificate program. Core curriculum includes equipment testing, diagnosis, and retailing of parts and equipment. Because it is an associate's degree program, a minimum of six credits of general education courses are required. The associate's degree also transitions very easily into a bachelor's program in agricultural systems technology or agricultural education.

Career Options

Graduates can work for farm suppliers, feed and fertilizer agencies, corporate farms and ranches, and agricultural implement dealerships. With the certificate, students can pursue the following careers with entry-level positions, and with the associate's degree, students can pursue advanced positions in the following rolls:

- Parts and service management
- Sales persons
- Parts clerks
- Service center foremen
- Machinery fieldmen
- Assemblymen

Career Services provides counseling and information on hundreds of job and internship opportunities and even helps students apply and interview.

What it takes

Admissions Requirements

In addition to Utah State University's admissions requirements, the agricultural machinery technology program has additional requirements:

- **Freshman:** New freshmen admitted to USU in good standing qualify for admission to this major.
- **Transfer Students:** Transfer students from other institutions and students transferring from other USU majors are handled on an individual basis for admission into the program.

International students have additional admissions requirements.

Major Requirements

Click here to see course requirements for the **Certificate (UG)**.

Click here to see course requirements for the **Associate of Applied Science**.

Students are required to complete an occupational experience internship over the summer with an agricultural equipment company.

Contact

Advising

All new USU students participate in a New Student Orientation program, where they receive detailed information about major requirements, registering for classes, and other important advising information.

Taylor Adams
Academic Advisor and Recruitment Specialist
Office: AGRS 420
Phone: 435-797-7091
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Get Involved

Professional Organizations, Honor Societies, and Clubs

Agricultural Technology Club: Student membership is generally made of agricultural machinery or agricultural systems technology majors at USU. Students participate in activities designed to develop skills and knowledge specific to agricultural systems technology. The club also participates in numerous service projects for the community.

Collegiate FFA: Collegiate FFA is the service arm to the National FFA Organization. USU Collegiate FFA members serve the agricultural industry, the agricultural education profession, and the FFA at the local, state, and national levels.

Collegiate Young Farmers and Ranchers: The USU Collegiate Young Farmers and Ranchers chapter is associated with the Utah Farm Bureau Federation and is open to all USU students with an interest in agriculture regardless of major.