Agriculture & Turf Equipment Option

The only option of its kind in Missouri, the Agriculture & Turf Equipment Option is a blend of the Commercial Turf & Grounds Management program and the Powersports Technology program. Students gain a background in agriculture and turfgrass management, and learn to diagnose, service, and repair major components of agricultural and turf related equipment.

This hands-on program provides students with the technical skills needed to rapidly advance within the industry. Studying in one of the best-equipped labs in the state, this five semester program includes an internship during the summer semester.

State Tech's reputation for producing highly employable technicians provides program graduates a competitive advantage. Graduates of this degree program have the ability to become certified in two-stroke and four-stroke engines, compact diesel engines, driveline/hydraulics, electrical systems, and reel mowing equipment.

573.897.5000 | www.statetechmo.edu
$37,960* Average Earnings

Core Curriculum
- PST 110: Preventive Maintenance, Operation, & Inspection
- PST 120: Electrical Fundamentals
- PST 140: Wheels, Tires, & Brakes
- PST 150: Two-Stroke & Four-Stroke Gas Engines
- PST 155: Fuel Delivery Systems
- PST 165: Starting, Ignition, & Charging Systems
- PST 205: Internship
- PST 210: Powertrain & Drive Systems
- PST 220: Electrical Systems & Electronic Controls
- PST 225: Diesel Engines
- PST 245: Hydraulic Systems
- PST 290: Advanced Troubleshooting & Diagnostics
- VLT 128: Basic-Welding

General Education
- COM 101: English Composition or COM 110 Honors Composition
- COM 111: Oral Communications
- CPP 101: Introduction to Microcomputer Usage or CPP 102 Advanced Microcomputer Usage
- MAT 115: College Algebra or MAT 118 Survey of College Mathematics
- PHY 100: Physical Science or PHY 103 & 104 Environmental Science with Lab
- PSC 101: American Government or HST 105 American History to 1877 or HST 110 Am. History from 1877 to the Present

Graduation Requirement
- COM 125: Job Search Strategies

Program Requirements
Choose 16 to 18 credits from the following elective courses
- CTG 105: Missouri Pesticide Application
- CTG 107: Turfgrass Management I
- CTG 109: Equipment Operations and Maintenance
- CTG 117: Commercial Site Contracting
- CTG 201: Weeds and Diseases
- CTG 204: Insects and Pests
- CTG 206: Irrigation and Drainage
- CTG 207: Turfgrass Management II
- CTG 225: Reel and Rotary Technology
- AGR 100: Introduction to Agribusiness Systems

Degree Offered
- Associate of Applied Science (Powersports Technology)

For more information, visit: statetechnmo.edu/powersports

Potential Careers:
- Golf Course Equipment Manager
- Compact Equipment Technician
- Golf Course Superintendent
- Service Writer/Manager

*U.S. Dept. of Labor 2016