

AGRICULTURE & TURF EQUIPMENT OPTION

STATE
TECH
LINN, MO



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

THE EMPLOYERS' CHOICE

\$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
WLT 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
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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

"State Technical College of Missouri reserves the right to change courses, add or delete courses, or substitute courses to improve or upgrade the curriculum."

Degree Offered

- Associate of Applied Science
(Powersports Technology)

For more information, visit:
statetechmo.edu/powersports

Potential Careers:

Golf Course Equipment Manager
Compact Equipment Technician
Golf Course Superintendent
Service Writer/Manager