

SKILL CERTIFICATE IN EQUIPMENT TECHNICIAN LEVEL 1

Students completing this certificate will acquire basic level training for an exciting career as an equipment technician. These skills include engine repair, hydraulics, electrical systems, welding and service of agriculture and industrial equipment. This program will also have manufacturer certifications built into the curriculum to prepare students for entry into this high demand career field.

Program Outcomes

- Perform basic diagnostics and repair on engine and hydraulic systems.
- Perform predelivery inspection on agricultural machinery.
- Perform prescribed maintenance outlined in manufacturer literature.

Career Opportunities

This certificate prepares students for an entry level career as an agriculture power equipment technician. This technical, hands-on program develops skills in engine repair, hydraulics and electrical systems. Students completing this certificate may work at a farm, equipment dealership, rental companies or independent repair shops.

Code	Title	Units
REQUIRED CERTIFICATE COURSES		15
AGTC 106	Agriculture Welding	3
AGTC 120	Introduction to the Agriculture Power Equipment Service Industry	3
AGTC 123	Power Equipment Electronics and Electrical Systems	3
AGTC 213	Hydraulics	3
AGTC 225	Compact Diesel Engines	3
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TOTAL		15

The Skill Certificate requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Agriculture Division Chair.