

Equipment Technician

Equipment Technician- Certificate of Achievement

The Certificate of Achievement in Equipment Technician is designed to prepare students for a career as an entry-level equipment technician. Using modern equipment, the certificate offers instruction and training in equipment operation, diesel engine repair, hydraulics and equipment systems including electrical and drive systems. Career opportunities for students exist in the agricultural, industrial, construction, material handling, and mining industries.

Program student learning outcomes:

1. Students will maintain a safe working environment and properly use personal protective equipment (PPE).
2. Students will identify all parts and components of a diesel engine.
3. Students will troubleshoot a modern diesel engine.
4. Students will clearly communicate repairs to the customer in written form.
5. Students will identify all parts and components in a hydraulic system.
6. Students will identify different types of hydraulic systems.

Career and employment information may be obtained through:

- O*Net, www.onetonline.org
- Labor Market, California Employment Development Department, www.labormarketinfo.edd.ca.gov

Recommended Course Sequence: **Equipment Technician Cert.**

<i>Course #</i>	<i>Title</i>	<i>Units</i>
Required Core Courses (18 Units)		
AG 014.....	Tractor Operations	3
DT 094.....	Introduction to Diesel Engine Repair	3
DT 095.....	Advanced Diesel Engine Repair	3
DT 096.....	Hydraulics	3
DT 097.....	Equipment Systems	3
IMT 060....	Industrial Core	3
Total		18