



Small Engine Repair Technician

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By completing the Small Engine Repair Technician Continuing Education Certificate, you become eligible for employment with companies that sell and repair or overhaul small engines used to power lawn mowers, chain saws, and related equipment. Businesses often employ mechanics to provide repair services for their customers.

TRAINING PROGRAM

COURSE	CLASS HOURS
AUT 7000 Small Engine Repair	24
AUT 7010 Small Engine Repair II	24
AUT 7020 Assemble/Disassemble Small Gas Engines	20
BUS 5500 Customer Service Fundamentals	24
Total	92

JOB DUTIES

- *Test and inspect engines to determine malfunctions*
- *Locate missing and broken parts using diagnostic instruments*
- *Use hand tools to repair or replace defective parts such as water pump, carburetor, thermostat, gears, solenoid, pistons, valves, and crankshaft*
- *Use feeler gauges to adjust points, valves, carburetor, distributor, and spark plug gaps*
- *Repair fractional-horsepower gasoline engines*
- *Repair and maintain gas internal-combustion engines*
- *Reassemble engines and listen to engines in action to detect operational difficulties*
- *Dismantle engines using hand tools, examine parts for defects, and clean parts*
- *Practice techniques for providing quality customer service*

SALARY RANGE

	Average Hourly	Average Annual
National	\$7.70 to \$19.29	\$16,000 to \$40,100
Maryland	\$9.79 to \$21.29	\$20,400 to \$44,300

