

Automotive Repair Technology Practitioner

Diploma

Offered at MCC in Grinnell (Code: MVAUP)

The United States automotive industry employs approximately 7 million workers. It is an ever-changing field due to advancement of technology and increasing awareness of global and energy issues. Automotive technicians can earn between the mid \$30's to the low \$50's in Iowa.

Iowa Valley Grinnell's automotive repair technology program is a great way to train for a career in the automotive industry. IVG graduates high quality technicians who are trained to maintain, diagnose, and repair today's dynamic vehicles. Salaries and benefit packages reflect this growing need as independent repair shops, dealerships, and franchised shops are employing technicians who specialize in one-day repair.

First-year automotive repair students study automotive electrical circuits, brakes, suspensions, alignment, air conditioning and heating systems, and basic power train. Advanced course work leading toward the associate of applied science degree includes instruction in the diagnosis, maintenance, and repair of fuel systems, engine repair, electronic engine controls, and advanced techniques in the service and repair of brake and suspension systems.

1 year program that prepares the student to work in a variety of small repair shops in the community. Positions include Light Mechanical Repair Technician, Parts Technician, and business owner.

General Education		Credit Hours
ENG111	Technical Writing	3
Total		3
Program Requirements		
AUT115	Automotive Shop Safety	1
AUT164	Automotive Engine Repair	4
AUT242	Basic Automotive Powertrain	6
AUT404	Automotive Suspension and Steering	4
AUT503	Automotive Brake Systems	3
AUT603	Basic Automotive Electricity	3
AUT704	Automotive Heating and Air Conditioning	4
AUT802	Engine Performance I	3
Total		28
Total Required Hours		31