Automotive Technology Repair Certificate

Automotive technicians generally begin their careers in service repair shops, with continually expanding industrial and service career advancement opportunities. Technicians work with experienced professionals and have frequent contact with the public. This field requires good mechanical aptitude and manual dexterity skills.

This certificate is specifically designed for students learning to become technicians who perform basic diagnostic and repair services in the automotive industry. These technicians perform the repair work being done in repair shops across the nation. Classes included will increase an individual's technical knowledge of bumper-to-bumper maintenance, diagnostics and repairs in the critical areas of engine systems, automatic transmission/transaxle, manual drive train and axles, engine performance, suspension & steering, brakes, electrical, and heating & air conditioning.

(Major Code 3060; State CIP Code 47.0604)

Automotive Technology (http://www.jccc.edu/academics/credit/automotive-technology)
Gainful Employment Data (http://www.jccc.edu/academics/credit/automotive-technology/gainful-employment-auto-tech-certificate/47.0604-Gedt.html)

First Semester

AUTO 129	Brakes I*	3
AUTO 114	Introduction to Automotive Practices	3-4
or AUTO 125	Introduction to Automotive Shop Practices	
AUTO 131	Brakes II*	1
AUTO 156	Electrical I*	3
ENGL 121	Composition I*	3
Total Hours		13-14

Second Semester

AUTO 150	Steering and Suspension I*	3
AUTO 151	Alignment Practicum*	1
AUTO 161	Engine Performance I*	3
AUTO 165	Automotive Engine Repair*	4
AUTO 166	Electrical II*	2
Total Hours		13

Third Semester

AUTO 205	Engine Performance II*	3
AUTO 208	Electrical III*	3
AUTO 209	Manual Drive Train and Axles*	4
MATH 120	Business Mathematics*	3
Total Hours		13

Fourth Semester

AUTO 201	ASE Certification Review*	1
AUTO 215	Engine Performance III*	3
AUTO 221	Heating and Air Conditioning*	4
AUTO 250	Automatic Transmissions and Transaxles*	4
Total Hours		12

Total Program Hours: 51-52