Automotive Technology Repair Certificate

The Automotive Technology Repair 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 required will increase an individual's technical knowledge of comprehensive maintenance, basic diagnostics and repairs in the critical areas of engine systems, automatic transmission/transaxle, manual drive train and axles, engine performance, suspension and steering, brakes, electrical, and heating and air conditioning.

(Major Code 3060; CIP Code 47.0604)

Automotive Technology Program web page (http://www.jccc.edu/academics/credit/automotive-technology/)

Certificate Requirements

First Semester

Code	Title	Hours
COMS 155	Workplace Skills	1
AUTO 114	Introduction to Automotive Practices	4
AUTO 129	Brakes I*	3
AUTO 131	Brakes II*	1
AUTO 156	Electrical I*	3
Total Hours		**12**

Second Semester

Code	Title	Hours
AUTO 150	Steering and Suspension I*	3
AUTO 151	Alignment Practicum*	1
AUTO 155	Automotive Engine Repair*	3
AUTO 161	Engine Performance I*	3
AUTO 162	Electrical II*	3
Total Hours		**13**

Third Semester

Code	Title	Hours
AUTO 205	Engine Performance II*	3
AUTO 207	Manual Drivetrains and Axles*	3
AUTO 214	Electrical III*	4
ENGL 121	Composition I*	3
MATH 120	Business Mathematics*	3
Note: Students transferring to 4-year programs should take MATH 171 College Algebra.		
Total Hours		**16**

Fourth Semester

Code	Title	Hours
AUTO 201	ASE Certification Review*	1
AUTO 215	Engine Performance III*	3
AUTO 211	Automotive Heating and Air Conditioning*	3
AUTO 252	Automatic Transmissions*	3
Total Hours		**10**

Total Program Hours: 51

*   This course has registration requirements.