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 included 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 & steering, brakes, electrical, and heating & air conditioning.

(Major Code 3060; State CIP Code 47.0604)

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

First Semester

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

Second Semester

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

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

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