

# Automotive Technology Maintenance and Light Repair Certificate

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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 maintenance and light repair services in the automotive industry. These technicians perform about 70% of the work being done in repair shops across the nation. Classes included will increase an individual's technical knowledge of bumper-to-bumper maintenance and light repairs in the critical areas of engine systems, automatic transmission/transaxle, manual drive train and axles, suspension and steering, brakes, electrical, and heating and air conditioning.

(Major Code 6740; State CIP Code 47.0604)

Automotive Technology (<http://www.jccc.edu/academics/credit/automotive-technology>)

## First Semester

AUTO 114	Introduction to Automotive Practices	3-4
or AUTO 125	Introduction to Automotive Shop Practices	
AUTO 129	Brakes I*	3
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

**Total Program Hours: 26-27**