Automotive Suspension and Steering Certificate

This curriculum is designed for students interested in seeking employment in the automotive suspension, steering, or wheel alignment fields.

Total Units: 17

First Year

Semester 1

11 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
AMT 300 Automotive Fundamentals and Shop Procedures	4		F, S
AMT 303 Automotive Electrical & Electronic Systems	4		F, S
AMT 314 Wheel Alignment	3	Advisory: AMT 300	F(may also be offered in S)

Semester 2

6 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
AMT 310 Engine Performance	3	AMT 300, 306 or 322; Advisory: AMT 303	F, S
AMT 332 Automotive Computerized Controls	3	AMT 303; Advisory: AMT 310	S(may also be offered in F)

^You must have passed the prerequisite course(s) with a “C” or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = online available (P) = partially online

Career Options/Outlook:

Master mechanics repair virtually any part on the vehicle or specialize in the transmission system. Tasks include test drive vehicles and test components/systems using equipment such as infrared engine analyzers, compression gauges, and computerized diagnostic devices; test and adjust repaired systems to meet manufacturers’ performance specifications; repair, reline, replace, & adjust brakes; review work orders and discuss work with supervisors; confer with customers to obtain descriptions of vehicle problems and to discuss work to be performed.

A sample of reported job titles:

ASE Master Mechanic (Automotive Service Excellence Master Mechanic), Auto Technician, Automotive Drivability Technician, Automotive Mechanic (Auto Mechanic), Automotive Service Technician, Certified ASE Master Automotive Technician (Certified Automotive Service Excellence Master Automotive Technician), Master Automotive Technician, Master Technician, Mechanic, Transmission Rebuilder

Projected job openings in

California (2020-2030):

6,900

Projected growth in California (2020-2030):

4% growth

Median Salary in California (2021):

$50,740/yr

Source:

https://www.onetonline.org/link/summary/4
3023.00

About this map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan that is customized to meet your needs. This map is not a guarantee of course availability or financial aid applicability.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the Zero Textbook Costs page of the college website.

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