



PROGRAM OF STUDY

Automotive Service, Diagnosis & Repair - Master Technician - Certificate of Achievement

Term Effective: Winter 2011

Total Units: 54 - 57

The courses listed in the Automotive Service, Diagnosis and Repair - Master Technician certificate meet the National Automotive Technicians' Education Foundation Standards and are selected to provide a comprehensive set of job skills needed in the automotive industry. In addition to improving the student's employability, the skills developed in the program will enhance their ability to become an Automotive Service Excellence (ASE) Master Technician. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement in the automotive industry.

Required courses from within the major:

All of the following automotive technology courses:					
Course	Title	Units	Completed	In Progress	Need
AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	5			
AUTO 146	Automotive Electrical Systems	4			
AUTO 156	or Automotive Electrical/Electronic Systems I	5			
AUTO 151	Engine Service, Diagnosis and Repair	5			
AUTO 154	Chassis Service, Diagnosis, and Repair	8			
AUTO 162	Drivetrain Service, Diagnosis and Repair	8			
AUTO 166	Automotive Electrical/Electronic Systems II	3			
AUTO 167	Automotive HVAC Service, Diagnosis & Repair	3			
AUTO 168	Engine Control Systems Service, Diagnosis and Repair	8			

Plus four (4) units of the following:

Course	Title	Units	Completed	In Progress	Need
AUTO 230A	Automotive Service and Repair Work Experience A	1			
AUTO 230B	Automotive Service and Repair Work Experience B	2			
AUTO 230C	Automotive Service and Repair Work Experience C	3			
AUTO 230D	Automotive Service and Repair Work Experience D	4			

Required courses from outside the major

Select one (1) of the following language arts courses:

Course	Title	Units	Completed	In Progress	Need
ENGL 100	Fundamentals of Composition	3			
ENGL 101	Reading and Composition	3			
ESL 100	Fundamentals of Composition	4			
ESL 101	Reading and Composition	3			

Select one (1) of the following mathematics courses:

Course	Title	Units	Completed	In Progress	Need
MATH 115	Business Mathematics	3			
MATH 130	Elementary Algebra	4			

Students may substitute a higher level math course.

Total Units: 54 - 57

[Certificates of Achievement general policies and procedures](#),
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