

Industry Sector: Transportation

Pathway: Automotive Maintenance Technician Certificate



California Program of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives		Sample Occupations relating to this pathway (Including SOC Code)																				
SECONDARY	9	English	Math	Social Science	Science	Introduction to Automotive Technology	Physical Education		Occupations requiring a high school diploma <ul style="list-style-type: none"> ➤ Mechanic's Assistant ➤ Lube Technician ➤ Parts and Sales ➤ Tire Technician Occupations requiring some post-secondary <ul style="list-style-type: none"> ➤ Automotive Technician ➤ Service Writer ➤ Warranty Adjuster ➤ Dealership Technician Occupations requiring a 2 year Degree <ul style="list-style-type: none"> ➤ Shop Foreman ➤ Service Manager ➤ Smog Technician ➤ Master Technician 																				
	10	English	Math	World History	Science	Basic Automotive	Physical Education	Visual/Performing Arts or Foreign Language																					
	11	English		US History		ROP Automotive I and II	ROP Ag Welding or Mechanics																						
	12	English (Recommended)		Civics and American Government		ROP Automotive III and IV	ROP Ag Welding or Mechanics																						
(High School courses listed in the light green and yellow areas are the Minimum State High School Graduation requirements)									Occupations requiring a BA/BS Degree <ul style="list-style-type: none"> ➤ Dealership Manager ➤ Consultant ➤ Teacher ➤ Automotive Corporation Rep Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway. <ul style="list-style-type: none"> ➤ Brake and Lamp Technician ➤ Smog Check Technician ➤ OEM Certification ➤ ASE 																				
13	As Degree Suggested Course Sequence Years 1 & 2 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fall Year 2015</th> <th>Spring Year 2016</th> <th>Summer</th> <th>Fall Year 2016</th> <th>Spring Year 2017</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">AT 105 Automotive Braking Systems (4)</td> <td style="text-align: center;">AT 112 Heating and Air Conditioning (3)</td> <td></td> <td style="text-align: center;">AT 100 Introduction to Automotive Technology (4)</td> <td style="text-align: center;">AT 97 Work Experience* *complete one time during four semesters (1)</td> </tr> <tr> <td></td> <td style="text-align: center;">AT 113 Automotive Electrics (7) or AT 106 Engine Performance (8) (Offered Spring 2017)</td> <td></td> <td style="text-align: center;">AT 102 Engine Repair (5)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">AT 103 Practical Lab (.5)</td> <td></td> </tr> </tbody> </table>									Fall Year 2015	Spring Year 2016	Summer	Fall Year 2016	Spring Year 2017	AT 105 Automotive Braking Systems (4)	AT 112 Heating and Air Conditioning (3)		AT 100 Introduction to Automotive Technology (4)	AT 97 Work Experience* *complete one time during four semesters (1)		AT 113 Automotive Electrics (7) or AT 106 Engine Performance (8) (Offered Spring 2017)		AT 102 Engine Repair (5)					AT 103 Practical Lab (.5)	
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	(Discontinued Fall 2015.) Students who began program prior to 2015, may continue and have until 2017 to complete program, if student has continuous attendance. See counselor or Erik Andal for additional information.																												