

Industry Sector: Transportation

Pathway: Automotive Service Technician AS

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							
		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)	GE (3)	AT 100 Introduction to Automotive Technology (4)	AT 106 Engine Performance (8)			
	14	AT 120 Suspension and Steering (4)	AT 113 Automotive Electrics (7)		AT 102 Engine Repair (5)	AT 97* Work Experience (1)			
		AT 122 Manual Power Trains and Axles (4)	AT 132 Automatic Transmissions and Transaxles (3) or AT 140 – B.A.R. Smog Check Training, Level II (Offered Spring 2017)		AT 103 Practical Lab (.5)	GE (3)			
		GE (3)	GE (3)		GE (3)	GE (3)			
		Physical Education Activity Course (1)			GE (3)	Physical Education Activity Course (1)			
<p>*AT 97 Work Experience complete one time during four semesters (1) GE requirements – One each from the following areas: (A.1 or A.3, A.2, B.1 or B.2, Math 104, C.1 or C.2, one course from DO-D9, one course E, plus 1 Physical Education activity courses and one additional unit of activity.)</p>									

Andal/Ellis 2016/2017