

Key	
High School Academic	
High School Career & Technical	
PCC Dual Credit Articulated Courses	
Automotive Service Technology Certificate	
AAS Degree	
University	

# Tigard High School

## Industrial and Engineering Systems Automotive Technology

***This program of study should serve as a guide, along with other career planning materials***, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized coursework to meet each learner's educational and career goals.

Education Levels	Grade	English / Language Arts	Math	Science	Social Studies / Sciences	Other Required Courses Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses	
SECONDARY	9	English / Language Arts	Alegebra	Physical Science	No courses offered	Health/Careers/Busisness tech	Auto1	DIPLOMA
	10	English / Language Arts	Geometry	Biology	World History	3D Design/Ceramics	Auto2/Basic Auto Body	
	11	English / Language Arts	Alegebra Two	Physics One	US History	Business Marketing/Accounting	Powertrain/Auto Eng Performance	
	12	English / Language Arts	Advanced Math	Chemistry	Government Economics	Tigernet Computer Applications	Advance Auto Application	

PORTLAND COMMUNITY COLLEGE	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations
	FIRST TERM	AM 108 Intro to Automotive Systems I	AM 101 Engine Repair I	AM 102 Electrical Systems I	AM 112 Electrical Systems II		Automotive Service Technology Certificate (89 Credit Hours)
	SECOND TERM	AM 105 Brake Systems I	AM 115 Brake Systems II	AM 104 Steering & Suspension Systems I	AM 114 Steering & Suspension Systems II		
	THIRD TERM	AM 107 Manual Drive Train & Axles I	AM 117 Manual Drive Train & Axles II	AM 127 Automatic Transmissions/ Transaxle I	AM 137 Automatic Transmissions/ Transaxle II	CG 209 Job Finding Skills	
	FOURTH TERM	AM 103 Engine Performance I	AM 113 Engine Performance II	AM 123 Engine Performance III	AM 133 Engine Performance IV	AM 280A CE Automotive Service	# Auto Collision Technician - Body and Paint # Automotive Service Technician # Diesel Service Technician

<b>PORTLAND COMMUNITY COLLEGE</b>	<b>FIFTH TERM</b>	AM 143 Engine Performance V	AM 153 Engine Performance VI	AM 106 Heating & A/C Systems	AM 122 Electrical Systems III		
	<b>TERM</b>	<b>PROGRAM OF STUDY</b>					<b>Certificates/Degrees/Occupations</b>
	<b>FIRST TERM</b>	AM 108 Intro to Automotive Systems I	AM 101 Engine Repair I	AM 102 Electrical Systems I	AM 112 Electrical Systems II		<b>Associate of Applied Science Automotive Service CIPS# 470604</b>
	<b>SECOND TERM</b>	AM 105 Brake Systems I	AM 115 Brake Systems II	AM 104 Steering & Suspension Systems I	AM 114 Steering & Suspension Systems II		
	<b>THIRD TERM</b>	AM 127 Automatic Transmissions/ Transaxle I	AM 137 Automatic Transmissions/ Transaxle II	AM 107 Manual Drive Train & Axles I	AM 117 Manual Drive Train & Axles II	CG 209 Job Finding Skills	
	<b>FOURTH TERM</b>	AM 103 Engine Performance I	AM 113 Engine Performance II	AM 123 Engine Performance III	AM 133 Engine Performance IV	AM 280A CE Automotive Service	# Auto Collision Technician - Body and Paint # Automotive Service Technician # Diesel Service Technician
	<b>FIFTH TERM</b>	AM 143 Engine Performance V	AM 153 Engine Performance VI	AM 122 Electrical Systems III	AM 106 Heating & A/C Systems		
<b>UNIVERSITY</b>							