

**Automotive Service Technology** ♦ **Associate of Applied Science** ♦ **77 Credits**

**DAY TRACK – Starting Fall Semester**

**Program Description**

The Automotive Service Technology AAS degree teaches about auto maintenance. Students learn how to diagnose and repair auto problems. Learn about brake, electrical, engine, transmission, suspension, steering, and air conditioning systems. The program is nationally accredited. As PCC students, you can take exams to obtain ASE credentials from the National Institute for Automotive Service Excellence. Students **must** pass a background check and a drug screening to be eligible for this program.

**Career Options**

Automotive Service Technician, Automotive Parts and Sales Service Writer

**Semester One, Fall, 14 Credits (and any supplemental General Education courses).**

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
A S E	102	Introduction to the Auto Shop	2
E N G	131	Technical Writing	3
M A T	107	Career Mathematics	3
C O M	125	Interpersonal Communications	3
C O M	263	Conflict Resolution	1
C O M	264	Negotiations	1
C O M	269	Leadership	1

**Semester Two, Spring, 15 Credits.**

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
A S E	151	Manual Transmissions/Transaxles and Clutches	2
A S E	152	Manual Transmission, Transaxles and Clutches 2	2
A S E	253	Advanced Manual Transmissions/Transaxles	2
A S E	140	Suspension and Steering 1	2
A S E	141	Suspension and Steering 2	2
A S E	240	Suspension and Steering 3	2
H W E	100	Or any General Education Course	3

**Semester Three, Fall, 15 Credits.**

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
A S E	130	General Engine Diagnosis	2
A S E	161	Engine Repair and Rebuild	3
A S E	162	Auto Engine Service	2
A S E	260	Advanced Engine Diagnosis	2
A S E	120	Basic Automotive Electricity	2
A S E	123	Starting and Charging System	2
A S E	132	Ignition System Diagnosis and Repair	2

**Semester Four, Spring, 17 Credits.**

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
A S E	250	Automatic Transmission/ Transaxle Service	1
A S E	251	Automatic Transmission/ Transaxle Repair	3
A S E	252	Advanced Automatic Transmission/ Transaxle	2
A S E	110	Brakes I	2
A S E	111	Auto Brake II	2
A S E	210	Automotive Power and ABS Brake Systems	2
A S E	264	Intro to Automotive HVAC Systems	1
A S E	265	Heating and Air Conditioning Systems	4

**Semester Five, Fall, 16 Credits.**

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
A S E	134	Automotive Fuel Emissions Systems I	2
A S E	233	Auto Fuel Injection and Exhaust Systems	4
A S E	221	Automotive and Diesel Body Electrical	4
A S E	236	Advanced Drivability Diagnosis and Repair	4
A S E	281	Internship: Basic Heavy Duty and Power Train	1
A S E	282	Internship: General	1

**Semester Milestones** – Always complete courses with a grade of C or higher.

**Fall 1<sup>st</sup> Year**

1) Complete FAFSA for next academic year when registering for spring semester.

**Spring 1<sup>st</sup> Year**

1) Complete scholarship applications for next academic year. 2) Register for summer and fall semesters. 3) Submit Summer Intent Form to Financial Aid Office for summer funding. 4) Check on your portal to make sure your Financial Aid for next year is processed. If so, you will be able to accept your award offer.

**Summer 1<sup>st</sup> Year**

1) Complete courses with a grade of C or higher.

**Fall 2<sup>nd</sup> Year**

1) Meet with your advisor to complete your Graduation Planning Sheet; 2) Register for spring semester.

**Spring 2<sup>nd</sup> Year**

1) Participate in Graduation Ceremony if you have completed all course work or need to complete up to 6 credits during the summer semester.

**Summer 2<sup>nd</sup> Year**

1) Complete courses with a grade of C or higher.

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