



AUTOMOTIVE TECHNOLOGY

Associate in Science Degree Certificate of Achievement

The Automotive Technology program at Oxnard College is designed to prepare students as entry-level technicians for the automotive field. The program also provides improvement training for working automotive technicians dealing with rapidly changing technologies and updated certification exams. Students can complete a Proficiency Award (Entry Level Alignment Specialist, Entry Level Brake and Electrical Specialist), an Associate of Science Degree or Certificate of Achievement. Courses include a full range of curriculum for this career: fundamentals and foundations of automotive, automotive electrical, engine performance, brake systems, steering and suspension, heating and air conditioning systems, transmissions, and automotive business management. In addition, students can enter a pathway to becoming a State of California, Bureau of Automotive Repair licensed vehicle Emissions Inspector. The courses are designed to give a student knowledge and hands-on training needed to achieve ASE (Automotive Service Excellence) certification. All courses are taught by ASE certified instructors and the program is certified by NATEF (National Automotive Technicians Educational Foundation). *For more information contact: Richard Williams (805) 678-5890 rwilliams@vcccd.edu*

Required Core Courses		Units
AT R010	Fundamentals of Auto Technology **Advisories: AT R011	3.0
AT R011	Foundations of Automotive Technology **Advisories: AT R010	3.0
AT R013	Automotive Engine Performance *Corequisites: AT R013L **Advisories: AT R010	4.0
AT R013L	Automotive Engine Performance Lab *Corequisites: AT R013 **Advisories: AT R010	2.0
AT R015	Automotive Electrical Systems *Corequisites: AT R015L **Advisories: AT R010	4.0
AT R015L	Automotive Electrical Systems Lab *Corequisites: AT R015 **Advisories: AT R010	2.0
AT R016	Auto Electronics *Prerequisites: AT R015 and R015L **Advisories: AT R010	3.0
AT R018	Automotive Brake Systems *Corequisites: AT R018L **Advisories: AT R010	4.0
AT R018L	Automotive Brake Systems Lab *Corequisites: AT R018	2.0
AT R033	Automotive Emission and Fuel Control Systems **Advisories: AT R010	4.0
AT R050	Automotive Steering and Suspension	6.0

Required additional courses (minimum 5 units)

Complete a minimum of **five units** from the following:

AT R012	Automotive Air Conditioning **Advisories: AT R010	2.0
AT R014	Advanced Engine Performance *Prerequisites: AT R013 **Corequisites: AT R014L	4.0
AT R014L	Advanced Engine Performance Lab *Prerequisites: AT R013 **Corequisites: AT R014	2.0
AT R026	Automotive Engine Overhaul *Corequisites: AT R026L	4.0



AT R026L	**Advisories: AT R010 Automotive Engine Overhaul Lab *Corequisites: AT R026 **Advisories: AT R010	2.0
AT R030	Automotive Transmissions and Drive Line *Corequisites: AT R030L **Advisories: AT R010	3.0
AT R030L	Automotive Transmissions and Drive Line Lab *Corequisites: AT R030 **Advisories: AT R010	2.0
AT R048	Smog Check Procedures **Advisories: AT R013 and AT R013L and AT R033	3.0
AT R060	Automotive Business Management	6.0
		6.0
Total Required Major Units		42-43
Oxnard College General Education Pattern		29.0
Double-Counted Units		0.0
Free Electives Required		+ 0.0
Total units required for the A.S. Degree		71-72

****General Education** This A.S./A.A. degree requires completion of the Oxnard College General Education Pattern**