

AS Automotive Electronics Technology - Sample Pathway

Las Positas College Associate degree will give the student a thorough and complete knowledge of the basics of the modern automobile. This program is for technical career majors. The Las Positas College Automotive program also provides training and services in a variety of programs in addition to regular classes: industry-standard training for General Motors, AC Delco, KIA, and other manufacturers; Automotive Apprenticeship; Smog Certification; Alternative Fuels; State of California Bureau of Automotive Repair Smog Inspection Referee and Training Program. These additional programs provide our students with numerous opportunities for industry exposure. Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel. This sample pathway does not replace a meeting with a counselor to determine the correct path or set courses. Pathways are subject to change.

SEMESTER 1 - FALL

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
AUTO INTR (Automotive Service and Introduction)	4		Fall & Spring
AUTO A1 (Engine Repair)	4		Fall
AUTO LABA (Automotive Lab)	2	AUTO INTR (Co-Requisite)	Fall & Spring
AUTO A2 (Automatic Transmission/Transaxle)	4		Fall
General Education Course (Kinesiology)	1		Fall, Spring & Summer
SEMESTER TOTAL	15		

SEMESTER 2 - SPRING

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
AUTO A4 (Suspension and Steering)	4		Spring
AUTO A5 (Brakes)	4		Spring
AUTO A6 (Electrical/Electronic Systems)	5		Spring
SEMESTER TOTAL	13		

SEMESTER 3 - SUMMER

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
SPCH 1 (Fundamentals of Public Speaking)	3	Eligibility for ENG 1A (Strongly Recommended)	Fall, Spring & Summer
General Education Course (Social and Behavioral Science)	3		Fall, Spring & Summer
SEMESTER TOTAL	6		

SEMESTER 4 - FALL

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
AUTO A8 (Engine Performance)	5		Fall
AUTO A3 (Manual Drive Train and Axles)	4		Fall
AUTO A7 (Automotive Heating and Air Conditioning)	4		Fall
AUTO L1 (Advanced Engine Performance) OR AUTO SDR (Specified Diagnostics and Repair)	5		Fall
SEMESTER TOTAL	18		

SEMESTER 5 - SPRING

Courses	Units	Prerequisites/Strongly Recommended	Semesters Offered
MATH 55 (Intermediate Algebra)	5	MATH 65 or MATH 65B (Pre-Requisite)	Fall, Spring & Summer
ENG 1A (Critical Reading and Composition)	3	ENG 104 or ENG 105 with a "Pass" or ESL 25 or equiv course or appropriate skill level demonstrated through the Eng assessment process (Pre-Requisite)	Fall, Spring & Summer
General Education Course (Humanities and American Cultures)	3		Fall, Spring & Summer
General Education Course (Natural Science)	3		Fall, Spring & Summer
SEMESTER TOTAL	14		
Total Major Coursework	41		
Total Units Required (Minimum)	60		

NOTE: Completion of LPC's General Education Pattern for Associate in Science Degree is required.

NOTE: The AS Degree in Automotive Electronics Tech at LPC is NOT intended for students seeking transfer.

Last Updated: 04/04/2017