



Science, Technology, Engineering, and Mathematics Career and Academic Pathways (CAPs) Program Map: Associate in Science Degree for Automobile Technology

Total number of units: 70 units

Top Code/Academic Plan: 9480.00

Updated on April 14, 2022

Semester1	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	AUTOMO 001	Introduction to Automobile Technology	4	Required Core Course for the Degree and Certificate.	
Program Course	AUTOMO 111	Engine Repair and Rebuilding	5	Required Core Course for the Degree and Certificate.	
Program Course	AUTOMO 201	Automatic Transmission and Transaxle	5	Required Core Course for the Degree and Certificate.	

Total Units 14

Intersession	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	LOGTIC 108	Industry Safety Fundamentals	3	Required Core Course for the Degree and Certificate.	
Program Course	AUTOMO 115	Automobile Repair Work Experience	2	Required Core Course for the Degree and Certificate.	

Total Units 5

Semester 2	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	AUTOMO 301	Manual Drive Train Axles	5	Required Core Course for the Degree and Certificate.	
Program Course	AUTOMO 401	Suspension, Steering and Wheel Alignment	5	Required Core Course for the Degree and Certificate.	
Program Course	AUTOMO 501	Automobile Braking Systems	5	Required Core Course for the Degree and Certificate.	
GE Course	ENGLISH 101	College Reading and Composition I	3	This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	LACCD Area D1. LACCD Area B. This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."

Total Units 18

Intersession	Course Code	Course	Units	Notes	Notes for Part-time students
GE Course	HEALTH	Any Health	3		LACCD Area D.
GE Course	POL SCI 001	The Government of the United States	3	This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	LACCD Area B. This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."

Total Units 6

Semester 3	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	AUTOMO 601	Automobile Electrical/ Electronic Systems	5	Required Core Course for the Degree and Certificate.	

Semester 3	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	AUTOMO 701	Automobile Heating and Air Conditioning	5	Required Core Course for the Degree and Certificate.	
Program Course	AUTOMO 801	Advanced Engine Performance	5	Required Core Course for the Degree and Certificate.	
GE Course	CHEM 051	Fundamentals of Chemistry I	3		LACCD Area A.

Total Units 18

Intersession	Course Code	Course	Units	Notes	Notes for Part-time students
GE Course	SOC 001	Introduction to Sociology	3	This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	LACCD Area B2. This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."
GE Course	HISTORY 001	Introduction to Western Civilization I	3	This course has sections that are part of the Honors Program. Check the current catalog for the section number(s). To apply for admission to the Honors Program, please visit the ELAC Counseling Center. For additional information about the Honors Program, please visit the ELAC Honors Program website or contact Dr. Bermudez at bermudn@elac.edu .	LACCD Area C. This course may have sections that include a low cost (LCT) or no cost textbook (ZTC). Check the current catalog for the section number(s). You can search for classes in the ELAC and LACCD Schedule of Classes under "Class Search Type" as "Zero Textbook Cost" or "Low-Cost Textbook Classes."

Total Units 6

Semester 4	Course Code	Course	Units	Notes	Notes for Part-time students
GE Course	MATH 120	Plane Geometry	3		LACCD Area D2.

Total Units 3

Degree Path and Requirements:

This map is a suggested term-by-term sequence of courses to complete the program in a recommended time frame. This is an efficient and recommended plan, but actual plans may vary by individual student need. This map cannot replace a meeting with [counselors](#). Students can apply for certificates as soon as the necessary courses are completed. Meet with a counselor and the financial aid office to ensure continued financial aid. Check with [financial aid](#) for eligibility.

Department Advising Notes:

Program Description

Career and Transfer Opportunities

Visit the [Transfer Center](#) for transfer information, which varies based on transfer college. Make an appointment with a [counselor](#). Students can visit [Career and Job Services](#) for career counseling and further exploration. For additional resources, students pursuing a certificate can visit the [American Job Center of California](#) on ELAC main campus.

Youtube Videos

[You Belong at East Los Angeles College](#)

Program Map

A suggested sequence of classes to complete a degree, certificate, or program of study. Students should consult an academic counselor for variations to this plan based on part-time or full-time status, transfer plans, pre-requisites needed, etc.

Prerequisite Course

A specific course that must be completed before advancing to the next course.

Check the online catalog at elac.edu for the latest and most accurate information.

Contact

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