

CAREER OPTIONS



Automotive Technician •
Service Advisor • Master
Automotive Technician •
Service Writer • Parts Specialist
• Fleet Services Supervisor •
Service Manager

ANNUAL SALARY



Entry level to experience

\$21,000 - \$68,000

INDUSTRY CERTIFICATIONS



Automotive Service Excellence (ASE)
SP/2 Certificate
Mobile Air Conditioning Society -609
Alldata Information Specialist
Certification

PROFESSIONAL ASSOCIATIONS



[Automotive Service Councils of California](#)
[Automotive Service Excellence \(ASE\)](#)
[Automotive Service Association](#)
[Auto Care Association](#)
[Bureau of Automotive Repair](#)
[Specialty Equipment Market Association \(SEMA\)](#)
[Society of Automotive Engineers](#)

estimated cost of TOOLS & SUPPLIES



Safety Glasses	\$1-45
Uniform Shirt	\$25-45
Uniform Pants	\$15-30
Work Shoes/Boots (oil and slip resistant)	\$30-200
Tools	\$500-3,000
Textbooks	\$450



Los Angeles Trade-Technical College

AUTOMOTIVE & RELATED TECHNOLOGY

Los Angeles' long-time infatuation with the motorcar has made it a leading center in automotive design. Employment opportunities continue to thrive, and the demand for trained automotive technicians in the field continues to increase. The Automotive and Related Technology program trains students to work as professionals in this field, offering instruction in maintenance, diagnosis and overhaul procedures of electrical and fuel injection systems.

By fulfilling the program requirements, students will have gained the skills necessary to maintain, repair, and diagnose electrical, fuel injection systems, and overhaul procedures, as well as basic shop practices needed to meet industry standards.

We Support



Education Foundation • ASE Accredited Training Program



Degree and Certificate



To earn an **Associate in Science degree** students should complete the 36 units of Required Courses with a "C" or better in each course, and the general education courses under the **GE Graduation Plan**.

Requirements for the **Certificate of Achievement** may be met by completing 36 units of Required Courses with a "C" or better in each course.

Award	Required Courses	Major Electives	GE Graduation Plan
○ Associate of Science Degree	36 units		~24 units
● Certificate: Automotive and Related Technology	36 units		
● Certificate: Automotive and Related Technology Tune-up	18 units		
● Certificate: Automotive and Related Technology Transmission Repair	18 units		

REQUIRED COURSES ○●

Term	Subject	Course Title	Units
Semester I & II	AUTORTK 100 ●●	Conditioning Systems Theory, Inspection Repair	3
	AUTORTK 113 ●	Drive Train Components Principles & Practices	3
	AUTORTK 114 ●	Steering, Suspension, Brakes, Principles & Practices	3
	AUTORTK 121 ●●	Basic Engine Theory, Inspection & Repair	3
	AUTORTK 122 ●●	Electrical/Electronic Systems Theory, Inspection & Repair	3
	AUTORTK 123 ●●	Fuel & Emissions Systems Theory, Inspection & Repair	3
Semester III	AUTORTK 130	Automotive Theory and Repair I	3
	AUTORTK 131 ●	Automotive Theory and Repair II	3
	AUTORTK 135 ●	Computer Control and Fuel Injection Heating and Air	3
Semester IV	AUTORTK 140	Automotive Theory and Repair IV	3
	AUTORTK 141	Automotive Theory and Repair V	3
	AUTORTK 142	Automotive Theory and Repair VI	3

GE Graduation Plan Courses ○

Meet with the ATM Pathway Counselor to select **Guided Choices** sequence of courses or other GE courses

Guided Choices	Units
Area A: Physics 11	~24
Area B: History 12	
Area C: Humanities 60	
Area D1: English 101	
Area D2: Mathematics 125	
Area E:	

STUDENT SUPPORT

The **ATM Pathway Counselor** can assist you to plan your **academic, transfer, and career success** while connecting you to essential resources.

Los Angeles Trade Technical College

School of Advanced Transportation & Manufacturing (ATM)

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