

## CAREER OPTIONS



Rail Car Technician •  
Locomotive Technician •  
Machinery Maintenance  
Worker • Installation,  
Maintenance, and Repair  
Technician Worker Helpers

## ANNUAL SALARY



Entry level to experience

**\$54,000 - \$78,000**

## INDUSTRY CERTIFICATIONS



Automotive Service Excellence (ASE)  
SP/2 Certificate  
Mobile Air Conditioning Society  
SAE International

## PROFESSIONAL ASSOCIATIONS



Association of American Railroads  
Association of Diesel Specialists  
American Public Transportation  
Association  
California Transit Association  
National Alliance of Public Transportation  
Advocates

## 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-\$3,500
Textbooks	\$600



Los Angeles Trade-Technical College

# RAIL VEHICLE MAINTENANCE

In the Los Angeles region, rail transportation supports the largest container port complex in the U.S., 9th largest in the world, and the 3rd largest transit agency in the U.S. where nearly 1/5th of transit trips in the region are by commuter, light, or heavy rail. A career in rail transportation, as a rail mechanic, provides an opportunity to work within large rail companies and transportation agencies providing competitive wages, health and retirement benefits, and opportunities for career advancement.



# Degree and Certificate

To earn an **Associate in Science degree** students should complete the 40 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 40 units of Required Courses with a "C" or better in each course.



Award	Required Courses	Major Electives	GE Graduation Plan
○ Associate of Science Degree	40 units		~20 units
● Certificate	40 units		

### Required Courses ○●

Term	Subject	Course Title	Units
Semester I	DIESLTK 401	Rail System Overview, Safety, Tools, and Mechanical Principles	10
Semester II	DIESLTK 402	Rail Electrical and Electronic Principles	10
Semester III	DIESLTK 403	Rail Vehicle Pneumatic & Hydraulic Controls, HVAC & Car Body	10
Semester IV	DIESLTK 404	Rail Diesel Engine Fundamentals and Rail Accessory/Support System	10

### GE Graduation Plan Courses ○

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

	Units
<b>Guided Choices</b>	~20
Area A: Physics 11	
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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