

## CAREER OPTIONS



Truck Technician • Cargo Broker • Bus Technician • Rail Car Technician • Marine Vessel Repair • Generator Set Technician • Service Advisor • Heavy Equipment

## ANNUAL SALARY



Entry level to experience

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

## INDUSTRY CERTIFICATIONS



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

## PROFESSIONAL ASSOCIATIONS



Automotive Service Excellence (ASE)  
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

# HD TRUCK, TRANSIT, AND EQUIPMENT TECHNOLOGY

If you live in the United States, almost every single thing you eat, wear or use has been transported by diesel and alternative/green power vehicles.

Trucks, trains, buses and many other medium and heavy duty vehicles have evolved to match today's more stringent clean air emission standards. Graduates of the Heavy Duty Truck, Transit, and Equipment Technology program are well paid and have a diverse choice of areas in which to specialize. In recent years, local employers demand has exceeded our supply of qualified graduates as the program continues to grow.

After successful completion of the program requirements, students will become proficient in all aspects of diesel engine fundamentals, electrical components, fuel systems, overhaul procedures, air brake system and the construction and operation of diesel engines.



## Degree and Certificate

To earn an **Associate in Science degree** students should complete the 45 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 45 units of Required Courses with a "C" or better in each course.

## STUDENT SUPPORT

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



Award	Required Courses	Major Electives	GE Graduation Plan
○ Associate of Science Degree	48 units		~18 units
● Certificate	48 units		

### Required Courses ○●

Term	Subject	Course Title	Units
<b>Semester I</b>	DIESLTK 112A	Heavy Duty Maintenance Shop Practices	4
	DIESLTK 112B	Heavy Duty Engine Fundamentals	4
	DIESLTK 112C	Heavy Duty Electrical Systems	4
<b>Semester II</b>	DIESLTK 122A	Heavy Duty Fuel Injection Systems	4
	DIESLTK 122B	Heavy Duty Hydraulics	4
	DIESLTK 122C	Heavy Duty Heating, Ventilation, and Air Conditioning (HVAC)	4
Admission to third semester courses is limited to those who have received a grade of "C" or better in all first year Diesel courses.			
<b>Semester III</b>	DIESLTK 132A	Heavy Duty Transmission	4
	DIESLTK 132B	Air Brake Systems	4
	DIESLTK 132C	Heavy Duty Suspension and Steering Systems	4
<b>Semester IV</b>	DIESLTK 142A	Heavy Duty Engine Overall	4
	DIESLTK 142B	Electronic Engine Controls	4
	DIESLTK 142C	Heavy Duty Emissions Systems	4

### GE Graduation Plan Courses ○

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

#### Guided Choices

- Area A: Physics 11
- Area B: History 12
- Area C: Humanities 60
- Area D1: English 101
- Area D2: Mathematics 125
- Area E:

Units

~18

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**School of Advanced Transportation & Manufacturing (ATM)**

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