



# TRADES ACADEMY

Building Skills For A Lifetime

## DIESEL TRUCK MECHANIC<sup>1</sup>

### Diesel Truck Mechanic Level 1 (8<sup>th</sup> Ed)

Introduction to Servicing Heavy-Duty Trucks \* Shop Safety & Operations \* Tools & Fasteners \* Maintenance Programs \* Fundamentals of Electricity \* Fundamentals of Electronics & Computers \* Batteries \* Charging Systems \* Cranking Systems \* Chassis Electrical Circuits \* Electronic Troubleshooting Tools \* Multiplexing \* Diagnosis & Repair of Electronic Circuits

**Diesel Truck Mechanic Level 1:**                      **220 hours**    **Level 1 Tuition:**                      **\$3,520**    **Level 1 Textbook:**                      **\$200**

### Diesel Truck Mechanic Level 2 (8<sup>th</sup> Ed)

Hydraulics \* Clutches \* Standard Transmissions \* Standard Transmission Servicing \* Torque Converters \* Automatic Transmissions \* Automatic Transmission Maintenance \* Automatic Manual & Hybrid Transmissions \* Electrically Controlled Automatic Transmissions (ECATs)

**Diesel Truck Mechanic Level 2:**                      **230 hours**    **Level 2 Tuition:**                      **\$3,680**    **Textbook: Same as Level 1**

### Diesel Truck Mechanic Level 3 (8<sup>th</sup> Ed)

Driveshaft Assemblies \* Heavy-Duty Truck Axles \* Heavy-Duty Truck Axle Service & Repair \* Steering Systems \* Front End & Chassis Alignment \* Suspension Systems \* Wheels & Rims \* Tires \* Truck Brake Systems \* Hydraulic Brakes & Air-Over-Hydraulic Brake Systems

**Diesel Truck Mechanic Level 3:**                      **220 hours**    **Level 3 Tuition:**                      **\$3,520**    **Textbook: Same as Level 1**

<sup>1</sup> The Diesel Truck Mechanic program is not an NCCER craft training program.

**GCA TRADES ACADEMY**  
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## **Diesel Truck Mechanic Level 4 (8th Ed)**

ABS & EBS \* Air Brake Servicing \* Vehicle Chassis Frame \* Heavy-Duty Truck Trailers \* Fifth Wheels & Coupling Systems \*  
Heavy-Duty Heating, Ventilation, and Air Conditioning Systems

<b>Diesel Truck Mechanic Level 4:</b>	<b>180 hours</b>	<b>Level 4 Tuition:</b>	<b>\$2,880</b>	<b>Textbook: Same as Level 1</b>
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<b>Total Diesel Truck Mechanic Program:</b>	<b>850 hours</b>
<b>Total Program Tuition:</b>	<b>\$13,600</b>
<b>Total Textbook Cost:</b>	<b>\$200</b>
<b>Total Program Cost:</b>	<b>\$13,800</b>

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The GCA Trades Academy is non-profit, non-government organization established in 2006 to provide nationally-recognized training programs for the construction and related industries. The GCA Trade Academy is an NCCER Training Unit, under the sponsorship of the Guam Contractors Association.

The GCA Trades Academy, Inc. is committed to the principle of equal opportunity in education and employment. The GCA Trades Academy does not discriminate against individuals on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, veteran status, ancestry, or national or ethnic origin in the administration of its educational policies, admissions policies, employment policies, scholarship and loan programs, and other programs and activities, except where sex or age is a bona fide occupational qualification. Discrimination based on disability in educational programs and activities and employment with the GCA Trades Academy is prohibited.

The GCA Trades Academy expects all of its students and employees to join together to ensure a climate of diversity where everyone values individual and group differences, respects the perspectives of others and communicates openly to attain the best education.