

HEAVY DUTY EQUIPMENT TECHNICIAN APPRENTICE

In 2021/2022 this trades program via Distributed Learning with a focus on blended delivery. Trades students must prepare for in-person learning on campus where practical components of training. Learn more about Distributed Learning (<https://www.coastmountaincollege.ca/programs/discover/distributed-learning/>) at CMTN.

View on YouTube (<https://www.youtube.com/watch?v=Jr-Y1yT0kbA>)

Heavy Duty Equipment Technicians work on industrial and construction vehicles, such as mining trucks and bulldozers; on heavy equipment used in construction, forestry, materials handling, landscaping, and land clearing. Heavy Duty Equipment Technician is a nationally designated trade under the Inter-provincial Red Seal program. Heavy Duty Equipment Technicians overhaul, repair and service equipment such as graders, loaders, shovels, tractors, trucks, forklifts, drills, and wheeled and tracked vehicles. Working from manufacturers' specifications, they identify and repair problems in structural, electrical, mechanical, or hydraulic systems.

The foundation program for this apprentice trade is Heavy Mechanical Foundations (<https://coastmountaincollege.ca/programs/heavy-mechanical-foundation/>). Heavy Mechanical Apprenticeships range from 6-10 weeks.

For more information visit the ITA Website. (<http://www.itabc.ca/program/heavy-duty-equipment-technician/>)

Apply to CMTN

Visit Apply to CMTN (<https://www.coastmountaincollege.ca/admissions/apply-to-cmntn/>) for an Admissions Checklist and to apply online.

Our Educational Advisors (<https://www.coastmountaincollege.ca/student-services/student-support/educational-advising/>) are here to help if you have any questions or need guidance along the way.

Dates and locations

Intake	Location
Level 3: November 8, 2021 - December 17, 2021	Terrace Campus
Level 4 : May 30, 2022 - June 24, 2022	Terrace Campus

Level 2

- Line D Electrical
- Line H Engines and Supporting Systems

Level 3

- Line I - Powertrains

Level 2

- Must be a Registered Apprentice and have a TWID (Trade Worker ID) number
- Heavy Duty Equipment Technician (HDET) Level 1 OR
- Heavy Mechanical Foundations (HMF), OR
- Truck and Transport Mechanic (TTM) Level 1, or
- Transport Trailer Technician (TTT) level 1, OR
- Diesel Engine Mechanic (DEM) Level 1, AND
- Recommended 1000 hours work-base hours
- Grade 10 or equivalent in Math, English and Science
- Grade 12 Recommended

Complete a CMTN Bursary Application (<https://coastmountaincollege.ca/student-services/financial-aid/cmntn-awards-bursaries-scholarships/>) [PDF]

Level 3

- Heavy Duty Equipment Technicians Level 2 or Truck and Transport Mechanic (TTM) level 2 or Diesel Engine Mechanic (DEM) Level 2
- Recommended 2000 Work Base Hours
- Grade 10 or equivalent in Math, English and Science
- Grade 12 Recommended

Level 2

Fees	Domestic	International
Full Time:	8 Weeks	8 Weeks
Tuition:	\$605.68	\$2,574.16
Student Union Fees:	\$41.99	\$41.99
Mandatory Fees:	\$173.12	\$197.02
Health Insurance:	N/A	\$298.75
Total Tuition:	\$820.79	\$3,111.92
Additional Costs:		
Books:	\$350.00	\$350.00
*Total Program Cost:	\$1,170.79	\$3,461.92

Tuition and fees effective August 1, 2021 for the 2021/22 academic year.

Level 3

Fees	Domestic	International
Full Time:	6 Weeks	6 Weeks
Tuition:	\$454.26	\$1,930.62
Student Union Fees:	\$41.99	\$41.99
Mandatory Fees:	\$129.84	\$153.72
Health Insurance:	N/A	\$298.75
Total Tuition:	\$626.09	\$2,425.08
Additional Costs:		
Books:	\$350.00	\$350.00
*Total Program Cost:	\$976.09	\$2,775.08



Books and supplies

- Book List (<https://coastmountaincollege.ca/student-services/campus-facilities/bookstore/booklists/>) (Select appropriate campus)
- Supply list (<https://www.coastmountaincollege.ca/docs/default-source/program-forms/heavy-duty-foundations/heavy-duty-student-supplies-list.pdf>)

Books are available at the CMTN Campus Store (<https://www.coastmountaincollege.ca/student-services/campus-services/campus-store/>). Please check your local campus for details.

Career opportunities

Please visit the ITA Website (<http://www.itabc.ca/program/heavy-duty-equipment-technician/>) for more information on career opportunities for apprentices in this field.

