

HEAVY DUTY EQUIPMENT TECHNICIAN APPRENTICE

View on YouTube (<https://www.youtube.com/watch?v=BkLP7T2XIC8>)

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
Heavy Duty Equipment Technician Level 1: March 4, 2024 - May 10, 2024	Terrace Campus
Heavy Duty Equipment Technician Level 4: September 3 2024 - October 4, 2024	Terrace Campus
Heavy Duty Equipment Technician Level 3: October 15, 2024 - November 22, 2024	Terrace Campus
Heavy Duty Equipment Technician Level 2: January 6, 2025 - February 28, 2025	Terrace Campus
Heavy Duty Equipment Technician Level 1: March 10, 2025 - May 16, 2025	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:	\$642.80	\$2,731.76
Student Union Fees:	\$54.64	\$54.64
Mandatory Fees:	\$183.76	\$209.05
Health Insurance:	N/A	\$317.04
Total Tuition:	\$881.20	\$3,312.49
Additional Costs:		
Books:	\$550.00	\$550.00
*Total Program Cost:	\$1,431.20	\$3,862.49

Tuition and fees effective August 1, 2024 for the 2024/25 academic year.

Level 3

Fees	Domestic	International
Full Time:	6 Weeks	6 Weeks
Tuition:	\$482.10	2,048.82
Student Union Fees:	\$54.64	\$54.64
Mandatory Fees:	\$137.82	\$163.11
Health Insurance:	N/A	\$317.04
Total Tuition:	\$674.56	\$2,583.61
Additional Costs:		



Books:	\$350.00	\$350.00
*Total Program Cost:	\$1,024.56	\$2,983.61

Tuition and fees effective August 1, 2024 for the 2024/25 academic year.

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>)
- **In addition to the fees outlined in the Program Fees Section, the following additional costs apply:**
- Purchase of necessary learning resources (available at the CMTN Bookstore (<https://can01.safelinks.protection.outlook.com?url=https%3A%2F%2Fcoastmountaincollege.ca%2Fstudent-services%2Fcampus-facilities%2Fbookstore&data=05%7C01%7CSGrielens%40coastmountaincollege.ca%7C4be73bab65e9496d2c5908dbf29f7a14%7C455d8376ff8b4f7bf3a0b460af0ef58%7C0%7C0%7C638370538983889411%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwiLCJXVCi6Mn0%3D%7C3000%7C%7C&sdata=f6i%2BbCvXQcRmrb8OQCVVKEWkUExOPS3fc0oPtaEDYsU%3D&reserved=0>))
- Personal Protective Equipment
 - Safety Glasses (Clear lens ONLY) X 2
 - Coveralls X 2
 - Welding Gloves X 2
 - CSA Approved Steel toe boots
- Classroom Supplies
- Appropriate clothing
- Laptop computer

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 Skilled Trades BC Website (<https://skilledtradesbc.ca/heavy-duty-equipment-technician/>) for more information on career opportunities for apprentices in this field.

