

MOTIVE POWER TECHNICIAN - TRUCK AND COACH (TCTN)

Ontario College Diploma | 4 semesters | Barrydowne

Want to love your job? Learn something new every day? Develop skills that will help you every day?

Truck and Coach Technicians are in demand and enjoy rewarding careers.

Cambrian College offers a two-year Truck and Coach diploma program that gives you the opportunity to get started towards your career, a career that will challenge you with new technology and provide the satisfaction that you know comes with rolling up your sleeves and getting the job done.

Our Professors are experienced, knowledgeable and passionate about the trade.

Our first and second year Truck and Coach program follow the Ontario College of Trades apprenticeship training standard. You will achieve the training and skills employers are looking for in an apprenticeship.

We know you love to get into the lab because that is where you learn best. Our theory classes are also designed to bring the shop to you with more hands-on, demonstrations and models to enhance your learning experience.

Program Highlights

- 2 years – 4 semesters
- Upon successful completion of our program, your diploma equates to the three levels of theory required towards your apprenticeship Certificate of Qualification.
- Work on trucks, coaches, buses, and other types of related equipment.

Optional Paid Co-op

Our program features an optional, paid co-op directly related to your program of study. During this work-integrated learning experience, you'll apply your skills and knowledge in an actual work environment, giving you industry training that you can showcase to potential employers when you graduate.

You will be required to complete work preparation sessions prior to the work term to help you develop an industry-specific resume and effective interviewing skills. Cambrian's Career Centre (<https://cambriancollege.ca/campus-life/career-centre/>) will support you through this process and will also help you to source and apply for placement opportunities.

International students: Study permits prohibit international students from participating in optional co-ops. However, if you are an international student and are interested in work-integrated learning opportunities, visit Cambrian's Career Centre (<https://cambriancollege.ca/campus-life/career-centre/>) to discuss available options with a career advisor. Opportunities may include volunteer positions or part-time or full-time jobs during academic breaks and/or during the academic year.

Capped Enrolment

Quick Links

How to Apply (<http://cambriancollege.ca/apply/>)

Skills and Trades Training (<http://cambriancollege.ca/field-of-study/skills-and-trades-training/>)

Admission Requirements

For graduates of the new curriculum (OSS): Ontario Secondary School Diploma (30 credits) or equivalent or mature student status, including:

- Any grade 12 English (C) or (U)
- Any grade 11 mathematics (C), (U), or (M)

APPLY NOW! (<https://www.ontariocolleges.ca/en/apply-now/>)

Program Delivery

2021-2022

This program will be delivered in the following terms:

Fall Term Start

1. SEMESTER 1 Fall 2021
2. SEMESTER 2 Winter 2022
3. SEMESTER 3 Fall 2022
4. SEMESTER 4 Winter 2023

Winter Term Start

1. SEMESTER 1 Winter 2022
2. SEMESTER 2 Spring 2022
3. SEMESTER 3 Fall 2022
4. SEMESTER 4 Winter 2023

For specific term start/end dates and other key dates/deadlines, please see the Academic Schedule (<http://cambriancollege.ca/apply/how-to-apply/academic-schedule/>) on our website.

Program of Study for 2021-22 Academic Year

Students are required to successfully complete an online Lab Safety course (in Moodle) when starting their program at Cambrian. This course *must* be completed prior to entering the labs (as identified in the table below) in the Schools of Skills Training, Engineering Technology and Environmental Studies.

Semester 1		Credits
ELC 1120	Electrical & Electronics I ¹	4
HDM 1161	Trade Practices & Applications I ¹	5
HDM 1170	Diesel Engines ¹	4
WLD 1105	Welding and Oxyacetylene ¹	2
MTH 1010	Trade Math I	3
ENG 1002	College Communications	3
	Credits	21

Semester 2

HDM 1221	Hydraulics ¹	4
HDM 1230	Fuel Systems ¹	4
SSB 1100	Suspen/Steer/Brake Sys I Pneumatics ¹	4
PWT 1210	Power Train Systems ¹	4
HDM 1162	Trade Practices II	4

One General Education course. ²		3
	Credits	23
Semester 3		
ENG 1780	Applied Communication II	2
TCT 1000	Fuel Systems II ¹	7
TCT 1001	Steering, Suspension & Brake S ¹	7
TCT 1002	Drive Train Systems ¹	6
One General Education course. ²		3
	Credits	25
Semester 4		
TCT 1003	Trade Practices ¹	6
TCT 1004	Electrical/Electronics ¹	7
TCT 1005	Engine Systems ¹	7
One General Education course. ²		3
	Credits	23
	Total Credits	92

¹ Course with Lab Component

² For more information regarding General Education courses, click here (<https://cambriancollege.ca/general-education-electives/>).

Fees

Tuition and Ancillary Fees

Please see our fees page (<http://cambriancollege.ca/fees/>) for the breakdown of tuition and mandatory ancillary fees by program and semester for both domestic and international students.

Books & Supplies

The cost of books and supplies for Year 1 is approximately \$1500. This is the best information available at the time of publishing to the website and is subject to change.

Graduate Options

Employment Opportunities

Graduates may find employment as apprentices in the industry or may find employment in related truck and coach component overhaul and maintenance shops.

College/University Degree Opportunities

Graduates from this program may continue their studies at college/university and may receive credit for their prior College education.

Refer to College/University Agreements (<http://www.cambriancollege.ca/agreements/>) for further information.

Contacts

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Program Coordinator

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