

**Transportation Trades Department**  
**COURSE OUTLINE – HARLEY-DAVIDSON® THEORY**  
**HD210 FALL 2023 - AUGUST 28, 2023 TO DECEMBER 8, 2023**  
**150 Hours for 15 Weeks – Credits: 7**

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

<b>INSTRUCTOR:</b>	Peter Sellers Carl Ball	<b>PHONE:</b>	780-835-6643 780-835-6655
<b>OFFICE:</b>	FTD 101A. Trev Deeley Building, Fairview Campus	<b>E-MAIL:</b>	<a href="mailto:psellers@nwpolytech.ca">psellers@nwpolytech.ca</a> <a href="mailto:cball@nwpolytech.ca">cball@nwpolytech.ca</a>
<b>OFFICE HOURS:</b>	M-F 8.30 – 4.30		

**CALENDAR DESCRIPTION:**

This course is the theory component for all elements provided in HD 260.

**PREREQUISITE(S)/COREQUISITE:**

Applicants must have English 10-1 or 10-2 and Math 10C or 10-3. Those who do not meet these requirements but wish to be considered for admission are encouraged to contact the Program office.

**REQUIRED TEXT/RESOURCE MATERIALS:**

Program Course Pack

**DELIVERY MODE(S):**

	Average Remote Hours per Week	Length of Course in Weeks	Total Hours
Lecture	10	15	150
Lab			
Practicum			
Work Experience			
Seminar			
Tutorial			
Course Totals →	10	15	150

**LEARNING OUTCOMES:**

For those who are employed, or who seek employment at an authorized Harley-Davidson Retailer, the course provides product-specific training to the latest Harley-Davidson Motor Company factory standards.

**TRANSFERABILITY:**

Non-Available

**EVALUATIONS:**

Areas of Evaluation	Percentage of Total Course Mark	Timelines, Quality Standards
Final Exam	<b>30%</b>	
Theory Assignments	<b>70%</b>	
<b>Comments:</b>	Absences for tests will result in a score of zero. 2.0 Grade Point average required for successful completion = C=63%	

**GRADING CRITERIA:**

Areas of Evaluation	Percentage of Total Course Mark	Timelines, Quality Standards
Week 1	100%	General studies (written test only)
Module 1-3:	30% 70%.	Theory Homework, Module Written Exam
Weekly Performance		must be completed and passed (Min 63% as per NWP standard) to receive NWP Certificate. Students must pass both Theory & Shop components to pass each Module.

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

## **COURSE SCHEDULE/TENTATIVE TIMELINE:**

Week 1	General studies 100% (written test only)
Week 2	Shop Safety, Tools, HD-270, Dealer Operations, Model ID
Week 3	Basic measurement. Brake system, ABS
Week 4	Tires and wheels, Wheel Building, Wheel Bearing Service
Week 5	Front suspension and steering head, Chassis geometry
Week 6	Rear swing arm, suspension and Vehicle alignment
Week 7	Basic electrical/ Fluke Meter, Digital Technician
Week 8	Charging systems, batteries, wiring & connector repair
Week 9	Starting system, Volt Drop Testing
Week 10	Engine Management
Week 11	Primary drive and clutch
Week 12	Clutch, primary drive and Transmission, 4 stroke theory and Diagnostics
Week 13	Service Checks
Week 14	Big Twin (Twin Cam 96 and M-8) Powertrain
Week 15	Middleweight (Street and Sportster) Powertrain

***NOTE - ORDER OF PRESENTATION MAY BE SUBJECT TO CHANGE***

## **STUDENT RESPONSIBILITIES:**

- This is an adult education environment.
- Students are expected to show respect for others.
- Students are learning skills to prepare them for the work environment.

Following the guidelines in “Student Rights and Responsibilities” in the NWP College calendar assist us all in maintaining an adult learning environment.

## **STATEMENT ON PLAGIARISM AND CHEATING:**

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the Northwestern Polytechnic Calendar at <https://www.nwpolytech.ca/programs/calendar/> or the Student Rights and Responsibilities policy which can be found at <https://www.nwpolytech.ca/about/administration/policies/index.html>.

**\*\*Note:** all Academic and Administrative policies are available on the same page.