

Transportation Trades Department

COURSE OUTLINE – HARLEY-DAVIDSON® SHOP

HD260 V01 FALL 2023

AUGUST 28, 2023 TO DECEMBER 8, 2023

300 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.

INSTRUCTOR:	SELLERS, Peter BALL, Carl	PHONE:	780-835-6643 780-835-6655
OFFICE:	FTD 101A. Trev Deeley Building, Fairview Campus	E-MAIL:	psellers@nwpolytech.ca cball@nwpolytech.ca
OFFICE HOURS:	M-F 8.30 – 4.30		

CALENDAR DESCRIPTION:

HD-260 provides students current, hands-on technical training. The course consists of three, 4-week modules which cover the following areas:

Module 1 (Chassis)

Module 2 (Electrical)

Module 3 (Powertrain)

Week 1 is general information, basic measurement, safety, tools etc.

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 Hours per Week	Length of Course in Weeks	Total Hours
Lecture			
Lab	20	15	300
Course Totals →	20	15	300

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	50%	
All Other Exams	50%	
Comments	PASS required for successful completion	

GRADING CRITERIA:

Areas of Evaluation	Percentage of Total Course Mark	Timelines, Quality Standards
Module 1-3:	50%, Module Practical Exam 50%	
All modules	Shop Assignments:	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.
Weekly Performance		

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 Northwestern Polytechnic 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.