



DEPARTMENT OF MOTORCYCLE & RECREATIONAL POWERSPORTS

COURSE OUTLINE – HARLEY-DAVIDSON® THEORY

HD210

INSTRUCTOR: ANTONELLO, Maurice **PHONE:** 780-835-6643
SELLERS, Peter

OFFICE: FTD 101A. **E-MAIL:** mantonello@gprc.ab.ca
Trev Deeley psellers@gprc.ab.ca
Building, Fairview
Campus

OFFICE HOURS: M-F 8.30 – 4.30

PREREQUISITE(S)/COREQUISITE:

Applicants must have English 10 and Math 10. 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:

Modern Motorcycle Technology
Harley-Davidson Fundamentals
Program Course Pack and Worksheets

CALENDAR DESCRIPTION:

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

CREDIT/CONTACT HOURS:

Credits: 9 Contact Hours: 150

DELIVERY MODE(S):

| | Average 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 |

OBJECTIVES :

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:

None Available

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE

GRADING CONVERSION CHART

| Alpha Grade | 4-point Equivalent | Percentage Guidelines | Designation |
|----------------------|---------------------------|------------------------------|--|
| A⁺ | 4.0 | 90 – 100 | EXCELLENT |
| A | 4.0 | 85 – 89 | |
| A⁻ | 3.7 | 80 – 84 | FIRST CLASS STANDING |
| B⁺ | 3.3 | 77 – 79 | |
| B | 3.0 | 73 – 76 | GOOD |
| B⁻ | 2.7 | 70 – 72 | |
| C⁺ | 2.3 | 67 – 69 | SATISFACTORY |
| C | 2.0 | 63 – 66 | |
| C⁻ | 1.7 | 60 – 62 | |
| D⁺ | 1.3 | 55 – 59 | MINIMAL PASS |
| D | 1.0 | 50 – 54 | |
| F | 0.0 | 0 – 49 | FAIL |
| WF | 0.0 | 0 | FAIL, withdrawal after the deadline |

EVALUATIONS:

| Areas of Evaluation | Percentage of Total Course Mark | Timelines, Quality Standards |
|----------------------------|--|-------------------------------------|
| Final Exam | 50% | |
| All Other Exams | 50% | |
| Comments: | Absences for tests will result in a score of zero. 2.0 Grade Point average required for successful completion = C=63% | |

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 GPRC College calendar assist us all in maintaining an adult learning environment .

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**

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

COURSE SCHEDULE/TENTATIVE TIMELINE:

| | |
|---------|--|
| Week 1 | Shop Safety/WHMIS, Tools, HD-270, Dealer Operations, Model ID & Basic measurement. |
| Week 2 | H-D History, Basic electrical/ Fluke Meter, Digital Technician |
| Week 3 | Charging systems, batteries, wiring & connector repair |
| Week 4 | Starting system, Volt Drop Testing |
| Week 5 | Ignition systems, EFI, Basic Dyno/Super Tuner, Carburetor service |
| Week 6 | Brake system, Tri Glide® handbrake |
| Week 7 | Tires and wheels, Wheel Building, Wheel Bearing Service |
| Week 8 | Front suspension and steering head, Chassis geometry |
| Week 9 | Rear swingarm, suspension and Vehicle alignment |
| Week 10 | Clutch, primary drive and belt |
| Week 11 | Big Twin 5 and 6 Speed Transmission |
| Week 12 | Lubrication, PDI and Scheduled Service Checks |
| Week 13 | Engine diagnostics, Air cooled Powertrain, Big Twin and Sportster |
| Week 14 | Top end Service, V-Rod valve lash |
| Week 15 | Review and Final Exam |

NOTE - ORDER OF PRESENTATION MAY BE SUBJECT TO CHANGE