



DEPARTMENT OF MOTORCYCLE & RECREATIONAL POWERSPORTS

COURSE OUTLINE – HARLEY-DAVIDSON® SHOP

HD260 WINTER 2013

MARCH 3 TO JUNE 13, 2014

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

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
Motorcycle Electrical Systems
Harley-Davidson Museum® Shop Class Book
GPRC Program Course Pack and Worksheets

CALENDAR DESCRIPTION:

This course is the shop component for all elements provided in HD 210.

CREDIT/CONTACT HOURS: Credits: 7 Contact Hours: 300

DELIVERY MODE(S):

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

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 GPRC Calendar at

<http://www.gprc.ab.ca/programs/calendar/> pages 44 & 45 or the College Policy on Student Misconduct: Plagiarism and Cheating at <http://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 | Computer & HD270 Orientation, Vehicle ID, Harley-Davidson History, Shop Safety/WHMIS, Tools Manuals Digital Technician Introduction |
| Week 2 | Dealer Operations, Basic Measurement, Brakes |
| Week 3 | Tires & Bearings |
| Week 4 | Wheel Building |
| Week 5 | Front Fork/Steering Head |
| Week 6 | Rear End Alignment |
| Week 7 | Basic Electrical/Wiring, Battery & Charging Systems |
| Week 8 | Charging, Starter |
| Week 9 | Starter, Engine Management |
| Week 10 | Engine Management, Guided Diagnostics On Bugged Bikes TSSM/HFSM/Radio/Handlebar |
| Week 11 | Clutch & Drive, 5 Speed Transmission |
| Week 12 | 6 Speed Transmission, Lubrication And Scheduled Service Checks |
| Week 13 | PDI/Service/Paint Repair, Dyno/Super Tuner, 4 Stroke Theory, Engine Diagnostics, VRSC Valve Lash |
| Week 14 | Big Twin and Sportster Engine |
| Week 15 | Practical Testing, Cleanup and Review, Final Exam |

NOTE - ORDER OF PRESENTATION MAY BE SUBJECT TO CHANGE