



DEPARTMENT OF MOTORCYCLE & RECREATIONAL POWERSPORTS

COURSE OUTLINE – HARLEY-DAVIDSON® SHOP

HD260

INSTRUCTOR:	ANTONELLO, Maurice	PHONE: 780-835-6643
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	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 shop component for all elements provided in HD 210.

CREDIT/CONTACT HOURS:

Credits: 17.5 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 47 & 48 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	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