COURSE NUMBER/TITLE: AUBR1550-01 Auto Body Repair I
SEMESTER/YEAR: SPRING 2015

LECTURE HOURS: 2 LABORATORY HOURS: 4 CREDIT HOURS: 4

CLASS TIME: 8:00 a.m. – 11:00 a.m. TTH ROOM: WT 128/130

INSTRUCTOR’S NAME: Darin Miller

INSTRUCTOR’S CONTACT INFORMATION:
Office Location: WT 129A
Office Phone: 268-2278
Email: dmiller@caspercollege.edu

OFFICE HOURS: As posted

COURSE DESCRIPTION: Course covers shop and tool safety, service information and measurements; mechanical repair of power train, suspension, steering, brake, cooling, heater, air conditioning, exhaust, emission control and fuel systems.

PREREQUISITES: None

GOAL: To familiarize the student with shop and tool safety, use of printed and computer based information and the mechanical repairs associated with collision repair.

OUTCOMES: Students will:
1. be able to use printed and computer based service manuals efficiently;
2. become familiar with the many types of measurements needed in collision repair;
3. become familiar with the servicing of mechanical components associated with collision damage repair;
4. Demonstrate effective oral and written communication
5. Solve problems using critical thinking and creativity
6. Use appropriate technology and information to conduct research

METHODOLOGY: Theory and operation is presented in lecture, handouts, other media and hands-on laboratory activities. The student is required to study the corresponding material appropriate for the lecture and laboratory work.

EVALUATION CRITERIA: The student will be evaluated on tests, work orders, and job completion on lab projects

GRADING SCALE:
100 – 90 = A
89 – 80 = B
79 – 70 = C
69 – 60 = D

REQUIRED TEXT, READINGS, MATERIALS: Auto Body Repair Technology, 5E, Thompson/Delmar, James E. Duffy
CLASS POLICIES:

Last Date to Change to Audit Status: See current Casper College catalog.

Last Date to Withdraw With a W Grade: See current Casper College catalog.

No cell phones or other electronic devices are allowed in the classroom or laboratories.

SAFETY: Personal and equipment safety standards will be strictly enforced. It is the individual’s responsibility to develop and use a safe work attitude. For every task students will comply with personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, proper ventilation, and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.

Only officially registered students are allowed to participate in classroom or laboratory activities.

STUDENT’S RIGHTS AND RESPONSIBILITIES: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the Department Head/Program Director, the Academic Dean, and lastly the vice president for academic affairs.

Academic Dishonesty – Cheating and Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

Official Means of Communication: Casper College faculty and staff will employ the student’s assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college’s Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

CALENDAR OR SCHEDULE INDICATING COURSE CONTENT:

Service info, specs, and measurement Chapter 3
Service information, Vehicle ID, Alldata, collision repair measurements
TEST chapter 3 (2/5/15)
Shop safety & efficiency Chapter 9
Shop accidents, personal safety, shop procedures, tool & equipment safety, fire safety, hazmat, shop housekeeping, airbag safety
TEST Chapter 9 (3/12/15)
Electrical/electronic system ops and service
Terminology, problem checks, battery, diagnostic equipment, components, protective devices, lighting and circuits, displays, computer systems
TEST Chapter 22 (4/16/15)