

# COURSE SYLLABUS

## AUTO 9

Instructor: Mr. Dexter Ibara  
Phone: (559) 638-0372  
E-mail: brett.nelson@reedleycollege.edu  
Office Hours: by appointment  
Class meets: T, Th 2:00pm-3:15pm  
Start: August 14 End: December 13  
Course: AUTO ESSENTIALS (AUTOT-9)  
Course Number: 52714  
Session: Fall 2012  
Room: IT 11

Basic Skills Advisories: Eligibility for English 125 and 126. (A, CSU)  
Pre-requisite for: AUTO10 and AUTO11

### Class Expectations

It is the expectation of the Instructor that the student gain pertinent information about his/her vehicle. By the end of the course, he/she should have basic knowledge of the Automobile and some its service and repair procedures. They shall be aware of information pertaining safety practices commonly used on Automobiles and shop facilities.

### Course Description

This course is an overview of the automobile and its basic components. General servicing procedures and basic troubleshooting are included for anyone needing an introduction to the operating principles of the automobile.

### Required text

Gilles, Tim AUTOMOTIVE SERVICE Inspection, Maintenance, Repair. 4<sup>th</sup> Ed. Delmar Cengage Learning 2012

Additional Materials Needed: 12 Scantron 882

### Grading

1.	Quizzes	1/3
2.	Exams	1/3
3.	Homework/Attendance	1/3
	TOTAL GRADE	<u>3/3</u>

### Grade Distribution

Grade	Percent
A	90%
B	80%
C	70%
D	60%
F	59.9% or less

### Attendance

Attendance will play a factor if you are to successfully pass this course. Attendance will be taken each meeting. We will meet for a total of 35 class sessions over an 18 week period.

- a. **Three** absence allowed for the Fall Semester.
- b. **Three** tardies/leave early can add up to one absence. Please be on time.
- c. **Student will be dropped from class for excessive tardies/absences.**
  1. The drop date without receiving a W is the end of the first week of instruction **Friday, August 17th**
  2. The drop date without credit deadline is the end of the 2nd week of instruction **Friday, October 12th** (a letter grade is issued after this date). The student will be evaluated by quizzes, exams, homework and attendance.
  3. Falling asleep in class and/or disruptive behavior ***will not be tolerated.***  
**If student is asked to leave for such actions this will result in student being counted absent for the day.**
  4. Use of cell phones during class will not be allowed. Please put cell phones/beepers on silent mode or turn off prior to start of each class.

### Assignments

1. Students will follow lecture and reading schedule for reading assignments.
2. Make-up of exams and quizzes.
  - a. It is the student's responsibility to contact instructor in person, (e-mail or other possible method) to request a make-up.
  - b. Exam or quiz cannot be made up if:
    1. Reviewed in class
    2. Excuse for absence is unacceptable
    3. The final exam may not be made-up
  - c. Make-up quiz/exam will be arranged by the instructor

3. All homework will be turned in on the assigned date. **All late assignments will be penalized a minimum of one grade, and one grade for each day late.**
4. Electronic duplication from other students or sources is prohibited if not approved by instructor.
5. Copying, cheating of any kind will not be accepted
6. The students resource materials, power points, lecture notes and other associated materials are to be used by the individual student during quizzes and tests.

### Class Lecture Schedule

Aug. 14	Intro., Syllabi, Shop Tour
Aug. 16	Ch 1, Intro to the Automobile,
Aug. 21	Ch 3-Shop Safety
Aug. 23	Demo: Safety, lifts, Jacks &, Jack stands
Aug. 28	Ch 13/14 Basic maintenance
Aug. 30	Tools & Fasteners, Torque ?
Sept. 4	Ch 12 Engine Lubrication
Sept. 6	Ch 15 Engine Introduction
Sept. 11	Ch 16 Engine Classifications
Sept. 13	Ch 20 Cooling System
Sept. 18	Ch 6 Measuring tool, Micrometers
Sept. 20	Ch 6 Measuring tool, Micrometers
Sept. 25	Ch 25 Basic Electrical
Sept. 27	Ch 26 Batteries
Oct. 2	Ch 28 Starting
Oct. 4	Ch 30 Charging
Oct. 9	Ch 37 Ignition Systems
Oct. 11	<b><u>Mid Term Examination</u></b>
Oct. 16	Ch 39 Fuels
Oct. 18	Ch 40 Fuel Systems
Oct. 23	Ch 43 Emissions
Oct. 25	Ch 42 Intake and Exhaust
Oct. 30	Ch 71 Manual Trans
Nov. 1	Ch 73 Auto Trans
Nov. 6	Ch 75 Driveline
Nov. 8	Ch 63 Suspension
Nov. 13	Ch 65 Steering
Nov. 15	Ch 61 Tires/Wheels
Nov. 20	Ch 67 Alignment
Nov. 22	No Class: Thanksgiving Holiday
Nov. 27	Ch 57 Brakes
Nov. 29	Ch 57 Brakes
Dec. 4	Ch 59 ABS/Traction/Stability
Dec. 6	Ch 35 HVAC
Dec. 11	<b><u>Final Exam</u></b>

### Quiz Schedule

There will be approximately 5 to 10 Quizzes for this class. The Quiz will be on content discussed prior to quiz.

### Homework Assignments

Homework Assignments shall be turned in at the beginning of class.  
All homework, notes, and power points should be kept safe and used as reference materials for this class.

### Having Trouble?

If at any time you are having trouble succeeding in this course, whether because of a change in your life circumstances or because of something you don't understand about the material- please see me. There may be services available to assist Reedley College students succeed in their coursework depending on the circumstances.

### Accommodations for Students with Disabilities

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or section 504 of the Rehabilitation Act, please contact me as soon as possible.

**I AM HAPPY TO SEE ALL OF YOU HERE IN CLASS!!!!!!!!!!!!!!**

PLEASE MAKE THIS READABLE IN THE EVENT YOU NEED TO BE CONTACTED FOR SOME REASON.

.....  
Briefly describe your automotive experience.

What automotive system/s are you most interested in?

Reason for taking this course? (optional)

Name \_\_\_\_\_

I have read/reviewed and understand syllabus. \_\_\_\_\_

Contact Information

e-mail address \_\_\_\_\_

contact phone number \_\_\_\_\_