**COURSE SYLLABUS**

**AUTO 9**

Instructor: Mr. Steve Nagle

Phone: (559) 859-0906

E-mail: stephen.nagle@reedleycollege.edu

Office Hours: by appointment

Class meets: Tuesdays and Thursdays 6:00pm-8:50pm

Start date: October 14 End date: December 9

Course: AUTO ESSENTIALS (AUTOT-9)

Course Number: 59283

Session: Fall 2014

Room: IND 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 gains pertinent information about his/her vehicle. By the end of the course, he/she should have basic knowledge of the Automobile and some of its service and repair procedures. Students will be taught information related to safety practices commonly used on Automobiles and shop facilities. A weekly time card will be used to verify attendance. Students will need to have their time cards stamped before the 6:00pm class start time. Timecards stamped after 6:00pm will be marked as a tardy. No stamp will be counted as an absence.

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. Students will be instructed by lecture, Power point, taking notes, outlining chapters and / or chapter questions, and Instructor demonstrations. There are Quizzes, a Midterm exam, and a Final exam. There is no lab designed for this course.

Required text

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

Grading

1. Quizzes 33%

2. Mid-Term/Final 34% (17% Mid-Term, 17% Final)

3. Homework/Attendance 33%

TOTAL GRADE\_\_\_\_100% Possible\_\_\_\_\_\_\_

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 15 class sessions over a 9 week period.

1. **Three** absence allowed for the Fall Semester.
2. **Three** tardies or leaving early add up to one absence. Please be on time.
3. **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 **Thursday October 16, 2014**
   2. The drop date without credit deadline is the end of the 4th week of instruction **Thursday November 6, 2014** (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 the “Class Lecture Schedule” for reading assignments.
2. Make-up of exams and quizzes.
   1. It is the student’s responsibility to contact instructor in person, (e-mail or other possible method) to request make-up work.
   2. 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
   3. 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 class period 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 student’s resource materials, power points, lecture notes and other associated materials may be used by the individual student during quizzes and tests.

Class Lecture Schedule Please read chapters before class.

(Schedule and content is subject to change.)

Oct. 14 Introduction, Syllabi, Shop Tour, Ch 1, Intro to the Automobile,

Oct. 16 Ch 3 Shop Safety, Ch 13/14 Maintenance, Ch 12 Lubrication

Oct. 21 Ch 6 Measurement, Tools & Fasteners, Torque ?

Oct. 23 Ch 15 Engine Intro, Ch 16 Engine Classifications

Oct. 28 Ch 25 Basic Electrical, Ch 26 Batteries

Oct. 30 Ch 28 Starting, Ch 30 Charging

Nov. 4 Ch 37 Ignition Systems, Ch 20 Cooling, Review for Mid Term

**Nov. 6 Mid Term Exam**

**November 11 Veterans Day, NO CLASS**

Nov. 13 Ch 39 Fuels, Ch 40 Fuel Systems

Nov. 18 Ch 42 Intake and Exhaust, Ch 43 Emissions

Nov. 20 Ch 71 Manual Trans, Ch 73 Auto Trans, Ch 75 Driveline

Nov. 25 Ch 63 Suspension, Ch 65 Steering, Ch 61 Tires, Ch 67 Alignment

**Nov. 27 Thanksgiving Holiday, No Class**

Dec. 2 Ch 57 Brakes, 59 ABS Traction/Stability

Dec. 4 Ch 35 HVAC, Review for Final.

**Dec 9 FINAL EXAM.**

The student is responsible for reading the material to be covered prior to class. This will prepare students for the topic to be covered during the class period. Please read the chapters and make notes of questions you may have, in order to ask / participate during the next class meeting.

Some chapters are not covered due to limited class time. Students are encouraged to review the additional chapters not covered during the class, for further enrichment and a deeper understanding of the automobile.

# 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 will 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.

Auto 9 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Number 59283 Student I.D \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mr. Nagle

Fall 2014

Briefly describe your automotive experience.

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What do you expect to learn in this course?

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Name (Print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have read/reviewed and understand this syllabus.(Sign)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Special accommodations? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact Information

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

Contact phone number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_