

COURSE SYLLABUS

AUTO 9 / Reedley College / Spring 2021

Instructor: Mr. Robb Kochevar

Phone: Contact instructor by email to arrange a phone call

E-mail: robb.kochevar@reedleycollege.edu

Office Hours; Due to this being an evening class there are no formal daytime office hours. You can contact me with questions by email or you can arrange a phone call. I will also be in the classroom up to thirty minutes before class starts.

Class Meets: on Tuesdays & Thursdays nights from 6:00 PM to 8:50 PM

Start date: (March 16th, 2021) End date: (May 20th, 2021)

Course: AUTO ESSENTIALS (AUTOT-9)

Course Number: (56500)

Session: (Spring semester 2021)

Room number: Industrial 11 (in the main automotive building).

Basic Skills Advisories: Eligibility for English 125 and 126. (A, CSU)

Pre-requisite for: AUTO-10 and AUTO-11

Important Dates: Spring Break is Monday March 29th through Friday April 2nd

Student Expectations: You MUST Commit the time to be successful in this class. Meaning, it is your responsibility to attend class and do the assignments in Canvas. It is the expectation of the Instructor that the student gains basic knowledge of the automobile and many of its basic service and repair procedures. Students will be taught information related to technical and safe work practices commonly used in automotive repair shop facilities. It is the student's responsibility to dedicate the time and effort to being successful in this class.

Cell Phone & Electronic Device use policy: Cell phones or other electronics are only to be used for class related activities. This will be further discussed during the first night of class orientation.

Course Description:

This course is an overview of the automobile and its basic components. General servicing procedures and basic troubleshooting are included as an introduction to the operating principles of the automobile. Students will be instructed by using PowerPoints, demonstration videos, textbook or E-book chapter material, general class conversations / discussions. There are Canvas assignments being threaded discussions, PowerPoint quizzes, learning module homework assignments, a Mid-Term Exam, and a Final Exam. There is no physical in shop lab exercises scheduled for this course.

Student Learning Outcomes & Course Objectives:

1. Demonstrate the safe use of automotive hand tools & shop service equipment.
2. Explain normal system operations & malfunction diagnostic strategies.
3. Identify and describe the tools and service equipment used for automotive service & repair.
4. Identify and discuss automotive systems and subsystems
5. Recommend repair methods and cost estimates for common automotive service and repairs.

Required Text:

A TEXTBOOK IS REQUIRED FOR THIS CLASS, YOU must obtain either the printed textbook or electronic E-book. IT IS NOT PROVIDED FOR YOU. It is YOUR obligation to have a textbook or E-book BEFORE THE FIRST NIGHT OF CLASS, this also applies to dual enrollment students where a textbook or E-book is not provided for you either.

Gilles, Tim AUTOMOTIVE SERVICE Inspection, Maintenance, Repair. 6th Ed. Delmar Cengage Learning 2019

ISBN-10: 1-337-79403-1

ISBN-13: 978-1-337-79403-9

Canvas Module Grades & Overall Grading Percentages:

Your learning module grades will be posted in Canvas as soon as they are determined. Your overall class grade will be posted in Web-Advisor after class ends and is calculated as a percentage of the total points YOU earn for completing each module assignment that contributes points towards your overall class grade.

TOTAL GRADE _____ 100% Possible _____

Grade Distribution Percentage

A = 90% to 100 %

B = 80% to 89.9 %

C = 70% to 79.9 %

D = 60% to 69.9 %

F = 59.9% or less

Communication Policy:

This is a college level course; Communication is a required component and is your responsibility for communicating with the instructor and other students regarding your participation in this class. The student has the opportunity to also ask questions of the instructor or classmates during any of the

class sessions, plus you can ask or respond to other students' questions on the class discussion forum. NO SOCIAL MEDIA and NO TEXT MESSAGES will be used to communicate in this course. There are many ways to communicate with the instructor and your classmates.

The instructor will communicate with the students using several of the preferred methods listed below.

1. Canvas announcements for group information which uses the SCCCD email.
2. Group discussions between Instructor & students during class sessions.
3. Email will be used for group or individual instructor to student or student to instructor communications.
4. The instructor can be available upon request for office hours up to thirty minutes before each class session.
5. Students can request the instructor call them by emailing the instructor or asking the instructor before or after class.

For all Canvas class email communications, the students are required to use ONLY their SCCCD email. Not your personal email addresses because the SCCCD email is attached to your Canvas account. If you need help installing your SCCCD email on your phone or other device you should contact the Reedley College 24-hour student help desk at (1-844-887-2223).

As the instructor I will respond to student emails within 24 hours depending on the time of day or evening the email is received. If you have questions about this policy you can ask the instructor.

Attendance & Drop Policy:

The first Tuesday night of class we will be a MANDATORY orientation where class policies, procedures and assignments are explained. If you cannot attend our first Tuesday night of class YOU MUST contact the instructor before that first Tuesday night and I must respond to you or you could be dropped as a "no-show". It is your responsibility to communicate.

Your full participation in this class will be considered attendance and rollcall will be taken at the beginning of each class. Participation will be one of the major factors for you to successfully complete this course. If you are not participating in the class assignments and not communicating with the instructor, you will be dropped. Your full participation will be evaluated by:

1. If you know in advance that you will be absent from the Tuesday or Thursday night class you must pre-arrange with your instructor either in person or by email. For an unexpected absence the night of the class you must email your instructor no later than one hour before class starts. Communicate, do not just "no-show".
2. Remember it is your responsibility to attend all class sessions, be on time, ready to learn and remain in class until the instructor dismisses or unless you have prearranged to leave early.
3. If you have questions about this policy, you can ask the instructor.

Late Work Policy:

All the assignments of quizzes, homework, discussion threads, mid-term and final exam will follow the class Canvas module schedule and are required to be turned in on or before the due dates. It is the student's responsibility to make arrangements with the instructor before the due dates for any late assignments. NOT after the assignment was due. If you have questions about this policy you can ask the instructor.

Listed below are the class assignment late penalties:

1. Without prior instructor approval all late PowerPoint quizzes, homework & threaded discussions not turned in by the due date will be closed in Canvas and not accessible by the student. Meaning you will miss out on the points towards your total class grade. Do not procrastinate, contact your instructor.
2. The mid-term and final exam must be turned in by the due date unless you have the instructor's approval for late submission of the mid-term. There is no late submission of the final exam and will be closed in Canvas not accessible by the student. Meaning you will miss out on those points towards your total class grade. Do not procrastinate, contact your instructor.

Behavioral Standards:

It is the policy of this instructor that everyone will be treated with courtesy and respect. This includes our classmates, teachers, staff and guest. Meaning anyone in our classroom, workshop or on this campus. Simply put "treat others as you would want to be treated".

Homework, Quizzes, Threaded Discussion, Mid-Term & Final Exam:

These Assignments will be completed in Canvas on or before the assigned due dates. The study materials are covered in the weekly modules and chapter readings along with being discussed during the class lectures prior to the due date. If you need help please ask your instructor.

Course Title: Auto-9 / Automotive Essentials (9-weeks)

The required assignments will follow the weekly class calendar & module schedule.

The student is responsible for reading or viewing the learning module study materials prior to the Tuesday or Thursday evening class meeting. This will prepare students for the topics to be covered during each class lecture and allow the student to have questions ready to ask during class. Additionally, some of the textbook chapters are not covered due to our limited class time of only 9 weeks.

Students are actively encouraged to read all the textbook or e-book chapters not covered during the class. Especially, if you are continuing on to Auto-10 & Auto-11.

Week 1 / Tuesday: Mandatory Class Orientation & Explanation of Syllabus

Week 1 / Thursday: Ch 3 Shop Safety, Ch 13/14 Vehicle Maintenance

Week 2 / Tuesday: Ch 15/16 Engine Intro, Classifications & Types

Week 2 / Thursday: Ch 12 Engine Lubrication, Ch 20 Cooling, Ch 6 Measurements

Week 3 / Spring Break

Week 4 / Tuesday: Ch 25 Basic Electrical, Ch 26 Batteries

Week 4 / Thursday: Ch 28 Starting, Ch 30 Charging

Week 5 / Tuesday: Ch 37 Ignition Systems, Ch 45 Computer System Fundamentals

Week 5 / Mid-Term

Week 6 / Tuesday: Ch 39 Fuels, Ch 40 Fuel Systems

Week 6 / Thursday: Ch 42 Intake and Exhaust, Ch 43 Emissions

Week 7 / Tuesday: Ch 61 Tires & Wheels

Week 7 / Thursday: Ch 63 Suspension, Ch 65 Steering, Ch 67 Alignment

Week 8 / Tuesday: Ch 71 Manual Trans, Ch 73 Auto Trans, Ch 75 Driveline

Week 8 / Thursday: Ch 57 Brakes, 59 ABS Traction/Stability

Week 9 / Tuesday: Ch 35 HVAC

Week 9 / Thursday: Review for Final / Class Wrap-up & Final Thoughts

Having Trouble / Need Help?

We all need help from time to time. If 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 please contact your instructor. I am here to help you. I cannot help if you don't ask. Plus, there are many other services available to assist Reedley College students listed in the course student resource sections and the Reedley College web pages, just ask. The instructors and staff at Reedley College are here to help you.

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, alternate electronic text, etc.) per the Americans with Disabilities Act (ADA) or section 504 of the Rehabilitation Act, please contact the instructor as soon as possible.