Automotive Fundamentals

Cypress College

Spring ‘16

Hours: 7pm-10pm

Course: AT 110C

CRN: 1338

Credits: 4.00

Deadline to drop *without* a “W”: 2/15/16

Deadline to drop *with* a ”W”: 5/1/16

Instructor: Mr. D. Endo

E-mail: dendo@cypresscollege.edu

Website: MrEndo.weebly.com

How to Contact Your Instructor

For this class I will be using E-mail for communication outside of class. Please check your Cypress College E-mail address to be sure it is correct.

*Always* on the subject line, have “STUDENT”. When I scan my E-mails, I look for your E-mails first. My students are my number 1 priority! Placing STUDENT on the subject line will assist me to quickly find you E-mail sent to me.

Text/Study Guide

In the Cypress College Bookstore, you will find a “Custom Edition Pack for Cypress College”. This was created for our Automotive Technology Fundamental Students to have a considerable savings over the traditional bound textbook and study guide that we used in the past.It is the same materials, but again with added value for our students.

The Pack contains the following;

Text: Introduction to Automotive Service, James D. Halderman, Darrell Deeter

Study Guide: Introduction to Automotive Service, James D. Halderman, Darrell Deeter

(Required to do your homework assignments. No copies will be accepted, copyright violations)

Cost-$105 + Tax (approx.)

NOTE: Class assignment dates are when the assignments are due. When you arrive to class you are expected to have your homework assignment(s) completed, and be ready to participate in the class assignment(s) that are due. This prepares you to ask questions and to participate about the subject matter assigned during class. Your instructor will reinforce, enhance, and expand on the information that you have just completed for your homework assignment. He does not want to do you reading and homework assignments for you. Students will be responsible for the subject material any time after the assignment is due. (i.e. labs, quizzes, tests)

Shop Uniforms

Cypress College Automotive Technology uniforms are required for all Automotive Technology Students. Students employed in a Toyota, Lexus dealership or other auto dealer/repair shop may wear the two-piece work uniform worn at the dealership. Overalls, coveralls or shop coats are not to be worn by students at any time.

Student’s workshirt shall be light blue in color, and must be tucked in pants. Short or long sleeves shall be the student’s preference. Name badge over the left pocket is optional.

Pants will be dark blue uniform type. Blue jeans or short work pants are not allowed.

As a courtesy, an outside vendor will visit the Cypress College Automotive Department during the first week of the semester. His prices are very competitive; however you may purchase you uniforms at any outlet you choose.

Footwear

Dress and appearance are a part of your training. Student’s shoes should be black, hard top work type shoes. They will have a non-skid, oil resistance soles. Reinforced steel or fiberglass toe is optional

Safety Glasses

All Cypress College Automotive Technology Students are required to wear ANSI rated (Z87.1 or Z87+) safety glasses with clear lenses while in the lab/shop area. No exceptions. Students are free to purchase their safety glasses at any outlet. (i.e. Home Depot, Lowes, Automotive Supply, etc.)

Cellphones / Smartphones

There is no cellphone/smartphone use in the classroom or lab. You may be asked to leave if in violation. Also recording devices and photography is not allowed.

Assignments-February 2016

Week 1

* 2/2: Ch. 6-Shop Safety

 “SP2-Safety Test” Assignments begins (Due:10am-2/8/16)

 Your SP2 student accounts has already been issued (Enrolled student up to 1/27/16)

 Refer to the “Safety Test / SP2 instructions contain in this document

* 2/4: Ch. 7-Environmental and Hazardous Materials

Week 2

* 2/9: Ch. 12-Service Information

 Assignment Due: 10am-SP2-Reading and Safety Tests completed

 In-class: SP2 Certificates (3)

* 2/11: Ch. 13-Vehicle Identification / Emissions Ratings

 Homework assignment due: A copy of a vehicle smog history

1. Select a vehicle that is over 5-years old, or one that is a used vehicle
2. Record the VIN
3. Go to website: bar.ca.gov
4. Look around the website to see what kind of resources are available
5. Locate the section where you can research your vehicle’s smog history
6. Using the VIN, Locate and print the smog history of your vehicle
7. Bringyour printed smog history for homework credit
* Homework;

 Complete the “Vehicle Reference Information” worksheet (“Pink Sheet”)

 Due next class meeting-2/17/16 (Worksheets are provided in class)

* Due: Study Guide-Chapters 6, 7, 12, 13

TIP: *Before* turning your Study Guide in for grading, take photos of your Study Guide homework assignment pages. You will be able to use the photos to complete your homework assignment. Then when your Study Guide is returned the following class after being graded, transfer your work. This way it is easier to keep up with your assignments when your Study Guide is being graded, and you won’t fall behind. (Don’t miss your opportunity to succeed)

2/12: Field Trip-Extra Credit Assignment;

 NHRA Winternationals/ 2016 Mellow Yellow Drag Racing Series

 Youth & Education Services (YES) Program, presented by US Army

1. Go to website: mrendo.weebly.com
2. At the bottom of the “Home” page: Click on Fullerton College “Hornets” logo
3. Sign up and print your ticket (smartphone copy-OK)
4. Get your parking pass from your instructor in class (1-per vehicle)
5. Carpool (Option)
6. Bring a friend/date

When: Gates open at 8am, but you will not admitted after 10am

Where: Auto Club Raceway in Pomona, CA (Enter from the South)

* Assignment: Take a “selfie” of yourself at the NHRA Winternationals with something you discovered and/or really enjoyed (i.e. vehicle, track, booth, pits, etc.) Be sure that I can recognize you and your subject
* Tell me: (in the body of the E-mail) “What you discovered and/or really enjoyed the most at the Winternations, *and* why. (Important for credit)
* Attach your “selfie” and E-mail it to me no later than the due date(Sunday, 2/14/16)
* E-Mail: dendo@fullcoll.edu
* Incomplete or late assignments will not be accepted for credit
* Assignments turned after the due date will not be accepted for credit

Week 3

2/16: Ch. 8-Fasteners and Thread Repair

2/18: Ch. 9-Hand Tools

 Return: Graded Study Guides

Week 4

2/23: Ch. 10-Power Tools and Shop Equipment

2/25: Ch. 11-Measuring Systems and Measuring Tools

 Due: Study Guide Chapters 8, 9, 10, & 11

Safety Test/SP2

The safety test can be accessed here:

[www.sp2.org](http://www.sp2.org/site/)

The following are required to log into the Safety Test website:

Account ID: 49690

Password: long

PIN: use your first and last initial, lower case, and the last four numbers of you Fullerton Student ID. For example, Jimmy Smith with a student ID of 0001234 would be js1234.

If you have trouble logging in contact Mr. Endo to assist you via email: dendo@fullcoll.edu

**Not being able to log in will not be an acceptable excuse for an incomplete safety test.**

You must complete all three assigned areas completely. NOTE: Each area contains many sections with related section tests. YOU MUST complete each section test and the final test for that area, not just the final test! As you complete sections, they turn from a white to light green in color. A completed area should be green from top to bottom.

You have up to**FIVE** attempts to pass a section or final test. **IF YOU USE UP ALL FIVE ATTEMPTS**, you cannot retake that section and you fail the test. **DO NOT JUST GUESS**. Complete the reading materials first, then answer the test questions correctly.**If you fail a test, you will be dropped from the class for not completing the safety test.**

NOTE: Plan about **6 hours** to complete all 3 assigned areas and the related tests. **All areas must be completed by 10AM on 2/14/16 or you cannot do lab and may be dropped from the course.**

CC\_1st. Week Info-Automotive Fundamentals.doc (2/3/16)