

Automotive Technology II

September 8, 2015

Instructor: Mr. Roberts **Room:** C33 Lab
C28 Classroom

Course Title: Automotive Technology
Grades 10 - 12 * Year Course * Semester 1 - 67225; Semester 2 - 67226 *
2 Hour Block * 2 Credits

Textbook: Various texts will be utilized per unit of instruction.
Primary Text: Automotive Technology: Principles, Diagnosis, and Service
Author: James D. Halderman
The instructor will supply additional materials as needed.

Course Description: As defined in Brighton High School's Curriculum Guide:

"This is an approved instructional program that prepares individuals to engage in the servicing, maintenance, adjustment and repair of automobile components and systems. This program provides a sequence of learning experiences related to basic service, tune-up, electrical systems, brakes, suspension systems, and additional ASE areas. The student will be required to demonstrate safe and positive work habits. This class may be taken for two consecutive years."

Satisfies the 4th Year Math Credit requirement

- **Successfully complete all NATEF Maintenance and Light Repair Tasks/Labs**
- **Participate in independent projects including preparing vehicles for racing at Milan Dragway**

Course Activities:

Students in Automotive Technology will complete the NATEF program as mandated by state and federal law for all secondary and post-secondary automotive technology vocationally approved programs. Students will also participate and compete in the SkillsUSA automotive competition, Ford AAA, and MITES State Automotive Competition. Please see instructor for a more comprehensive explanation of the NATEF program. **THIS COURSE QUALIFIES FOR 4TH YEAR MATH RELATED CREDIT.** Students will also make arrangements for full participation in the annual CTE Open House outside of the standard school day.

Course Requirements: Course work not completed in class will become homework. Homework may also be assigned to maximize lab time the following day and necessary for complete delivery of instruction. If your homework is incomplete you are not prepared to be successful.

Grading: Assignments/Tests ~15
Automotive Lab Experience ~85%

If a student is not working on what is assigned during class, then that student will earn a zero. If a student finishes an assignment early it is their responsibility to ask for the next assignment.

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- Feedback:** Evaluated work will not be handed back until all is received.
- Make-up-work:** All work will be completed within the given time parameters of the class period. In the event a student misses a class, make up work will follow the rules as established in the Brighton High School Student Handbook. If a student has an unexcused absence missing work may not be made up.
- Extra Help:** Instructor is virtually always available by appointment/request, and highly encourages students to seek assistance if he or she feels they are not grasping a concept, theory, repair, diagnosis, or any other discouraging item.
- Extra Credit:** Extra credit is additional work once the required work for class credit is completed, and not offered. However, bonus points may be offered but never substitute required work. Students must complete the assigned work to pass the class.

Classroom Rules:

Are as listed in student handbook/school rules and as follows:

1. Do not make poor use of your time; give your best effort because you will be given mine.
2. Present in classroom before the bell/tone sounds or student(s) will be marked tardy.
3. Prepared to be on task with folder, notebook, writing utensil, safety glasses, closed-toe shoes and possible other requirements announced later; if not loss of Participation Points (evaluated daily) will result.
4. Clean up is absolutely integral to the automotive facility! Any students refusing to help others clean up or failing to clean up their own mess will receive zero credit for the class period.
5. Others to be announced.

Required Materials:

CLEAR LENS SAFETY GLASSES ONLY
Safety glasses must meet ANSI Z87 standard.

CLOSED-TOE SHOES ONLY
No sandals, flip flops, etc., bring a pair of closed-toe shoes so you may work and not earn a zero.

FOLDER
A pocket folder is needed to retain loose leaf handouts.

WRITING UTENSIL
Pencils and blue or black pens work best and show up if a copy machine is to be used.

E-mail: robertro@brightonk12.com

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Safety is the first priority and absolute foundation for learning within the lab or classroom. Rules regarding safety will coincide with the Occupational Standards and Health Act (OSHA) as well as Mr. Roberts'. Avoiding instruction and "Horseplay" are dangerously unacceptable in the presence of industrial equipment and can never be tolerated. Therefore, this contract binds the student mentioned below to reasonable expectations noted and those yet to be in order to maintain credit.

- Specifically:
- 1) Be respectful and courteous to all.
 - 2) Assist with lab maintenance, facility cleanliness, and vehicle safety.
 - 3) Exercise constructive behavior to keep others and self on task.

Damage to tools, equipment, materials, etc., resulting from student negligence will cost the parent(s) or legal guardian(s) no less than the amount to expeditiously replace (next day) such items.

Failure to meet my expectations above will result in the student's immediate ejection from class without credit.

If students, parents, or legal guardians have questions about the above now is the time to ask.

DO NOT TEAR THIS PAGE IN HALF, RETURN AS A WHOLE SHEET!

To the Parent(s) or Legal Guardian(s) of student:

Please take a moment to complete this form acknowledging you and your student have read and understand the syllabus attached to this document.

Name of Student
(Please print): _____

Student
Signature: _____ Date: _____

Name of Parent(s)
Or Legal Guardian(s)
(Please print): _____

Parent(s)
or Legal Guardian(s)
Signature: _____ Date: _____

Please Return This Page Only!