Pro Auto Maintenance



# Lake Career & Technical Center

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**Pro Auto Maintenance**

**CLASS DESCRIPTION:**

Pro-Auto Maintenancewill teach students the basics of automotive maintenance.

This class will cover in depth the careers available in the mechanical repair career. Students will have “hands on” opportunities to detail and perform minor repairs on project vehicles. Job seeking and acquisition skills will be covered. Technology, math and communication skills will be taught, along with their importance in the automotive industry. With this class you are also eligible & encouraged to be a member of SkillsUSA.

**Learner Expectations:**

At the end of this class you should have knowledge of the following:

A basic understanding of the different automotive systems

The many careers in the mechanic repair field

Tools related to the industry

Job seeking and job retention skills

Industry related math

Industry related reading

**Course Rationale:**

The goal of this class is to give the students a solid basis in automotive basics, thus giving them insight into the future education and career requirements to pursue this as a career opportunity. This class will also help guide the students toward a higher standard of excellence in the areas of job seeking skills along with building a strong work ethic, social skills and the importance of team work. Throughout the program we will focus on the basic academic skills needed to perform in any career, and will practice these skills in a class room setting and in a work related environment so as to promote better understanding of their importance.

Pro-Auto Maintenance Expectations

Each member of the class will follow the Lake Career & Technical Center Handbook rules. The handbook is the basis for all classes at the school. However, each program is different in the way that it operates; therefore, these are additional expectations.

1. Please respect all individuals in the classroom.
2. Please follow directions the first time they are given.
3. Students should take notes during lecture and actively participate in class discussions.
4. As a responsible student, you are expected to finish any project that you begin.
5. Please raise your hand to be recognized in class before speaking during instructional and test time.
6. Safety glasses must be worn in the lab area at all times.
7. Only soft soled tennis shoes or work shoes can be allowed in the lab area.
8. As you are now young adults please act that way accordingly.
9. Please do not toss or throw objects to other students.
10. If you are absent from school, please contact me before or after school upon your return for any missed assignments.
11. Please return all tools and equipment to proper storage area when not in use.
12. Ask permission before leaving the classroom or lab area. (Hall pass required)
13. Please be courteous when working around other student’s tools or projects.

**PM – Pro-Auto Maintenance**

**Power Standards**

**Upon completion of the course the student will be familiar with the following Power Standards.**

1. Safety

 PM1a Shop Safety

 PM1b Tool/Equipment Safety

2. Engines

 PM2a Basic Engine Construction & Operation

1. Electrical

 PM3a Basic Electrical Systems

1. Fuel Systems

 PM4a Basic Fuel Delivery Systems

1. Preventive Maintenance

 PM5a Cooling Systems

 PM5b Lubrication Systems

1. Drivetrain/Frame

 PM6a Wheels/Tires

 PM6b Brakes

7. Pre-Employment

 PE1a Application

 PE1b Resume

8. AST - Power Standards Coding – **Work Ethics – Student Behaviors**

**WE1a** Pre-Test All Student Behaviors

**WE1a1** Post-Test Attitude

**WE1a2** Post-Test Attendance

**WE1a3** Post-Test Appearance

**WE1a4** Post-Test Ambition

**WE1a5** Post-Test Accountability

**WE1a6** Post-Test Acceptance

**WE1a7** Post-Test Appreciation