

The background of the page is a grayscale, high-resolution image of a car engine, showing various components like pistons, valves, and belts. The image is slightly blurred and serves as a decorative backdrop for the text.

Middlesex County College
Engineering Technologies Department
Automotive Technology Program

Student Outcomes – Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge and behaviors that students attain as they progress through the program.

Students Outcomes: Graduates will:

- a. demonstrate proficiency in the diagnosis of an automobile malfunction;
- b. demonstrate competency in the repair and service of an automobile;
- c. demonstrate proficiency in the repair of advanced automotive electronic and computer systems;
- d. solve automotive engineering problems utilizing mathematical skills;
- e. demonstrate an understanding of industry standards and best practices and the ability to apply those standards as they arise in the workplace