WAKE TECH
COMMUNITY COLLEGE

Applied Engineering & Technologies Division

Technical Standards for Automotive Systems Technology

A student wishing to enroll in the Automotive Systems Technology curriculum must meet the following standards:

They must:

- Be able to reach, manipulate, and operate equipment necessary for laboratory work
- Not have a debilitating fear of small spaces or heights
- Be able to make accurate measurements with test equipment and/or measuring instruments
- Be able to troubleshoot projects, components, and equipment to include detecting and evaluating slight differences in color, distance, smell, vibration, sound, and movement
- Be able to repair and/or replace defective components
- Be able to communicate with others in English to accurately gather information relevant to
  a. Defects in equipment, components, and/or products
  b. Locations
- Be able to interpret and work from blueprints, schematics, or sketches
- Be able to identify wire, components, and supplies by color code
- Be able to lift/carry 40-60 pound objects and be able to lift objects up and over an automobile fender or radiator
- Be able to understand orders, instructions, and descriptions; and be able to read and comprehend technical manuals, manufacturer's instructions, and warning labels in English
- Be able to operate vehicles safely
- Not be allergic to petroleum products or any other chemical used in the program
- Not have a fear of fire or sparks
- Be able to work with hands
- Not have a fear of getting clothes or hands dirty
- Be able to connect, distinguish, and evaluate readings using a Volt-Ohm meter
- Be able to locate/interpret NC General Statutes, city codes, department rules, and regulations
- Have a driver's license that is valid in NC

The automotive trade is one with inherent risks, and the safety of the employee (student) is of the utmost concern.