Associate in Technology Automotive- Outcomes

Students will demonstrate outcomes in each of the following areas:

Automotive

After successfully completing the Automotive Program requirements, students will:

1. Accomplish automotive repairs in all 8 areas of the automobile required by the ASE Standards.
2. Utilize the proper basic shop equipment and tools needed to adequately complete repairs.
3. Show exemplary behaviors while at work, following the protocol of a professional technician.
4. Select the proper data from shop manuals and computer resources as required to complete repairs.
5. Diagnose symptoms by combining and applying knowledge from multiple sources e.g. other technicians, IATN (information bank), the internet, passed experience, etc.
6. Recognize, and avoid or resolve potentially hazardous situations related to automotive repair.
7. Describe and write findings, repairs, parts, updates, modifications, and labor time on repair orders clearly and effectively to employer satisfaction.
8. Present ideas and information in writing or verbally in a comprehensives manner to co-workers, employers, and customers.

Communications

After successfully completing the communications requirement, students will:

1. Demonstrate literal and inferential comprehension.
2. Communicate clearly and effectively in appropriate contexts.
3. Accurately relay repair information from reference materials to customers, shop foreman, and service managers.

Computation

Students successfully completing the computation requirement, students will:

1. Apply algebraic, analytic, geometric or statistical reasoning to solve abstract and applied problems appropriate to an individual discipline
2. Interpret mathematical, quantitative or symbolic models such as formulas, graphs and tables, and draw inferences from them
3. Employ basic symbolic or quantitative reasoning to support a position or conclusion

Human Relations

After successfully completing the human relations requirement, students will:

1. Understand, articulate, and evaluate how various factors (e.g., social, personal/individual, historical, political, and economic) influence human behavior.
2. Understand, articulate, and evaluate the applicability of significant theoretical perspectives (e.g., conflict theory, feminist theory, cognitive behavioral theory) as they relate to contemporary social issues.

Health/PE Outcomes

After successfully completing the PE requirement, students will:

1. Understand and articulate the various elements of fitness (e.g., cardiovascular endurance, strength, flexibility, body composition).
2. Understand, articulate, and evaluate how various factors (e.g., genetics, diet, activity) promote health and wellness.
3. Understand and practice safe workout practices.
4. Identify, understand, evaluate, and apply appropriate fitness strategies (e.g., diet, exercise).