

**Upon graduation, the graduates of the Mechanical Design Technology program will be able to:**

- Effectively communicate technical ideas and problem solving decisions with others.
- Demonstrate knowledge, techniques, skills, and use of the appropriate tool in mechanical design applications.
- Apply math, science, and engineering technology principles to solve problems in mechanical design.
- Use creativity in the design of mechanical components and systems.
- Recognize problems in mechanical design applications and develop appropriate solutions.
- Work productively as an individual and as a team member of a problem solving team in an engineering environment.
- Recognize the need to stay current in the mechanical design career field.
- Demonstrate professional and ethical behavior.

*As approved by the Mechanical Design Technology Advisory Committee.*