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.