

# Mechanical Engineering Technology

## AETM Department



**Description of major:** The MET degree focuses on the areas regarding design of mechanical machines, mechanisms, and manufacturing processes. It also includes CAD design, technical problem solving, and engineering project management. An emphasis of “real world application” of engineering/design principles and procedures is embedded throughout the program, as well as within many industrial internship opportunities. Supplemental studies or minors are encouraged in Manufacturing Engineering Technology, Lean Six Sigma, or Automation & Controls Engineering.

**Math Requirement:**

College Algebra  
Geometry  
Trigonometry  
Calculus

**Science Requirement:**

Physics I  
Chemistry I

**Hands on/ Lab Based:** Yes

- Approximately 50% of the courses in the Mechanical Engineering Technology program require "hands on laboratory elements" of which there is an extensive amount of learning through the use of laboratories and real world applications of the subject matter.

**Theoretical/ Analytical:** Yes

- Theory as well as application are integrated within this program of study

**Distance and/ or Online:** Both on-campus and online degree/course completion options are available

**Accreditation:** Engineering Technology Accreditation Commission (ABET) since 2009

**Popular Jobs Associated:** Mechanical Design Engineering, Manufacturing Engineering, Quality Engineering, Product Design Engineering, Process Improvement Engineering

**Average Starting Salary:** \$55,000 to \$65,000

**Department of Major Contact Information:**

Todd E. Alberts  
812-237-3357

Todd. Alberts @indstate.edu

**Facebook:** Mechanical Engineering Technology at Indiana State

**Student Organization:** American Society of Mechanical Engineers (ASME) of ISU

