

MANUFACTURING ENGINEERING TECHNOLOGY, B.S.

Students in the Bachelor of Science in manufacturing engineering technology major will be introduced to the fundamentals and advanced concepts of engineering, materials and production processes used within industry. The program provides in-depth technical content of advanced manufacturing, with emphasis on automated manufacturing, robotics, and computer-aided drafting and design, often collectively referred to as computer-integrated manufacturing (CIM). Laboratory courses require students to design, develop and construct projects independently as well as in small groups. Technologies commonly used by major corporations are emphasized throughout the curriculum. Juniors and seniors are encouraged to participate in a cooperative education or internship experience to further enhance their knowledge in technical areas within an industrial environment.

Manufacturing engineers are responsible for planning the production process of manufactured products. Typical entry-level employment titles for graduates of this program include production managers, production engineers, manufacturing engineers, manufacturing process engineers, technical salespersons and quality assurance engineers. Graduates of the MFET major enjoy outstanding placement in their field at present with salaries among the highest of any majors on campus.