

Industrial Technology Mission & Outcomes

Program Mission

The mission of the Bachelor of Science in Industrial Technology undergraduate degree is to prepare technical and/or management-oriented professionals for employment in business, industry, education, and government whose duties and responsibilities primarily involve the management, operation, and maintenance of complex technological systems.

Program Outcomes

Our graduates will:

- Exhibit an appropriate mastery of the knowledge, techniques, skills, and modern tools of their disciplines.
- Exhibit an ability to identify, analyze and solve technical problems appropriate to their discipline.
- Exhibit an ability to analyze, design, optimize, and maintain systems or processes appropriate to their discipline.
- Exhibit an ability to communicate effectively.
- Exhibit an ability to function effectively on teams.
- Exhibit an ability to understand professional, ethical, global, and social responsibilities.
- Exhibit the ability to lead.

Program Definition

By definition, the Industrial Technology program leads to a Bachelor of Science degree administered by the Department of Technology Systems. This program exists to provide professionals for the Industrial Technology Industry with a combination of technical, business, and communication skills who are involved with the:

- Application of theories, concepts, and principles found in the humanities and the social and behavioral sciences, including a thorough grounding in communication skills.
- Understanding of the theories and the ability to apply the principles and concepts of mathematics and science and the application of computer fundamentals.
- Application of concepts derived from, and current skills developed in, a variety of technical and related disciplines.
- Completion of a concentration in either:
 - Architectural Design Technology
 - Mechanical Design Technology

- Distribution and Logistics
- Information & Computer Technology
- Industrial Engineering Technology
- Industrial Management
- Bioprocess Manufacturing
- Health Information Technologies

Program Goals and Objectives

- Graduates will find employment within the field of Industrial Technology within their first year.
- Graduates will continue to work within the field of Industrial Technology.
- Graduates are adequately prepared for advancement within the field of Industrial Technology.