

Industrial Technology Mission & Objectives

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 Objectives

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, Industrial Distribution and Logistics, Information & Cybersecurity Technology, Industrial Engineering Technology, Bioprocess Manufacturing, Health Information Technologies, or Industrial Management.

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.