

SOUTHERN ARKANSAS UNIVERSITY

Magnolia, Arkansas

Bachelor of Science Industrial Technology Program

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www.SAUmag.edu

Industrial Technology Program

The Industrial Technology program is a management-oriented technical curriculum designed to prepare the student for technical leadership responsibilities in business, industry, education, or government. The program was initiated by SAU in 1989 to meet the growing demand for formal educational opportunities among area employers and employees. While open to all, the Industrial Technology program was specifically tailored for students who have previously earned an associate of applied science degree.

With online classes and other classes meeting in the evenings or weekends, the program affords students an opportunity to continue formal education while maintaining or pursuing full-time employment. Achievement of the Industrial Technology degree often provides increased opportunity for advancement in the student's current or related career field.

Regional Industry On-site Courses

The Industrial Technology program at SAU is committed to working with regional industry. If your company is interested in on-site course offerings, please contact us to discuss arrangements. SAU's Industrial Program is also open to meeting company's needs for non-credit or specialized training courses.



Science Center

The Industrial Technology program and numerous Pre-professional programs are housed in the new state-of-the-art 60,000 square-foot Science Center.

Typical positions held by graduates of the Industrial Technology program include:

- Industrial Manager
- Training Director
- Manufacturing Engineer
 - Safety Engineer
 - Operations Manager
 - Plant Manager
- Production Supervisor
- Technology Consultant
- Quality Engineer/Quality Manager

Program Curriculum

The program includes instruction in materials selection, production scheduling, inventory control, industrial safety, quality control and assurance, lean manufacturing, operations management, computer applications, and report and presentation preparation.

Core classes in the Industrial Technology program:

ENGR 2023	Fundamentals of Manufacturing Processes
MATH 1033	Plane Trigonometry
MATH 2123	Applied Calculus for Technology
MATH 3043	Introduction to Applied Probability and Statistics
ITEC 2032	Industrial Safety
ITEC 3003	Quality Control
ITEC 3012	Maintenance
ITEC 3023	Production and Inventory Control
ITEC 3043	Work Analysis
ITEC 3073	Engineering Economic Analysis
ITEC 3263	Operations Management I
ITEC 3363	Operations Management II
ITEC 3503	Computational Methods of Industrial Technology
ITEC 3803	Industrial Materials
ITEC 4044	Advanced Manufacturing Systems