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