

# TECHNICAL RESOURCE MGMT. (TRM) BACHELOR OF SCIENCE



## ONLINE

Prepares individuals to manage and direct the technical functions within a work center, organization, or stand-alone business; particularly the technical aspects related to the development of personnel, quality, and productivity. This degree includes instruction in the principles of applied general management, managing quality, project management, equipment reliability, process capabilities, workforce legal and labor relations and supervision, strategic planning, applied statistical processes, and fiscal management and inventory control cost assessments.

### TARGET AUDIENCE:

Working adults and AAS graduates who aspire to operations or technology leadership positions.

### ADMISSION REQUIREMENTS:

Students must meet SIUC admission standards, including a 2.0 cumulative GPA for transfer courses. Associate in Applied Science (AAS) or 43 hours of formal technical training and/or work experience, including approved apprenticeship programs.

**COST:** <http://tuition.siu.edu>

### REGISTRATION PROCEDURE:

Prospective students should contact program representative to request preliminary evaluation prior to application.

### ACADEMIC CALENDAR:

Fall and Spring semesters are 16 weeks each.

### DELIVERY MODE:

Online.

### TEXTBOOK PURCHASE:

Textbook information is available in the SIUC schedule of classes. Online textbook ordering is available through the SIUC Bookstore, but textbooks can be purchased through any vendor selected by the student.

### TRANSFER HOURS POLICY:

Students may transfer up to 84 hours. Transfer courses are generally only applicable to the University Core Curriculum (general education) and Career Electives components of the degree requirements. Students are encouraged to request a preliminary evaluation prior to submitting an application.

### TOTAL HOURS NEEDED:

BS degree requires 120 semester hours minimum. Students with an Associate in Applied Science (AAS) may be eligible for completion in 60 or fewer semester hours.

### FINANCIAL AID INFO:

Financial aid is available to all off-campus students who qualify for aid. The program advisor at the site can assist each student with the financial aid application, however it is the student's responsibility to complete the forms and submit all documentation. The SIUC Financial Aid office has assigned an individual to work exclusively with off-campus students.

### SPECIAL CHARACTERISTICS:

The Bachelor of Science in Technical Resource Management (TRM) program is a degree completion program (junior and senior level only) designed to meet the continuing needs of business and industry in developing and providing effective operational and technical leaders and managers across a vast array of industry and business environments.

## CONTACT PERSON(S):

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Carbondale, IL 62901

### WEBSITE:

<https://engineering.siu.edu/tech/undergraduate/technical-management/>

## REQUIRED COURSES:

There are 3 main components to the degree, as follows:

1. University Core Curriculum (30-39 hours; depends on Capstone eligibility)
2. Career Electives (42 hours minimum or completed AAS)
3. TRM Major
  - TRM Core Requirements (18 hours)
  - TRM 316 Applications of Technical Communication
  - TRM 364 Work Center Management
  - TRM 383 Data Applications and Interpretation
  - TRM 425 Operations Management
  - TRM 464 Managing For Quality
  - TRM 470 Project Management

TRM Support Courses (6 hours) selected from the following:

- TRM 332 Labor-Management Relations
- TRM 361 Fiscal Aspect of Technical Management
- TRM 362 Legal Aspect of Technical Management
- TRM 421 Professional Development
- TRM 363E Employee Relations
- TRM 440 Technology and Management of Sustainable Enterprises