

Southern Illinois University- Carbondale
AAS in Manufacturing Management to
BS in Industrial Technology
(2011-2012 Catalog)

Southern Illinois University

Carbondale, IL 62901

Phone: 1-888-536-4112

Website: www.engr.siu.edu/outreach/outreach.htm

Contact: Kathy Rambeau, Program Advisor, 618-536-5546, krambeau@siu.edu

SIUC offers the B.S. in Industrial Technology degree program through the University Center of Lake County in Grayslake. Industrial Technology graduates may be responsible for production planning and scheduling, quality control, facilities planning, cost estimating, computer-aided manufacturing, maintenance, safety, or other production related functions.

The program is designed for the transfer student, with 48 credit hours of major-related coursework to be completed at the Grayslake site. A typical course would be scheduled on alternate weekends, with day long classes held on both Saturdays and Sundays. The program can be completed over a 24 month period. Students have the opportunity of taking full advantage of SIUC's Capstone Option, making it possible for completion of the bachelor's degree in 60 hours beyond the AAS degree.

Admission

A McHenry County College graduate receiving an AAS in Manufacturing Management will be accepted for the Capstone Option and admission to SIUC's Industrial Technology program, depending on space availability, if the following are met:

- Completion of SIUC undergraduate admissions application and admission to the University
- Completion of SIUC Capstone Application
- Completion of a minimum of 60 transferable credit hours to SIUC
- Minimum cumulative 2.25 GPA on all accredited work received prior to the awarding of the AAS degree as calculated by SIUC
- Completion of at least 15 credit hours of transferable SIUC University Core Curriculum credit, as noted on the second page of this guide
 - 9 hours must be in the Foundation Skills area including English, Math, and Speech
 - Additional 6 hours must be in compliance with the Capstone University Core Curriculum requirements
- Completion of the major related courses specified on the second page of this guide

A McHenry County College graduate receiving an AAS in Construction Management, but not meeting Capstone Option requirements, will be admitted into the program if:

- SIUC entrance requirements are met
- Space is available
- Selective admission criteria is met

These students may require more than 60 semester hours to complete the Industrial Technology degree.

Note: SIUC's Individualized Two Plus Two Program allows baccalaureate oriented freshman students at community colleges to benefit from pre-advisement through SIUC for a chosen major at SIUC. See an MCC advisor for more information.

Requirements for Bachelor's Degree through Capstone

SIUC General Education Requirements

- Science – 3 courses, Physics I & II and Biology (MCC approved courses are PHY280, 281; BIO105, 110, 130, 137, 157, or 158)
- Social Science – 2 courses, select from IAI GECC approved (no more than 1 history course)
- Humanities – 1 course, select from IAI GECC approved
- Fine Arts – 1 course, select from IAI GECC approved
- Multicultural Diversity in the US – 1 course (MCC approved courses are ENG275, HIS170, MUS154, PHI158, 261, SOC260, SPE265, HIS141)
- English Composition – 1 course (MCC approved course is ENG151)
- Speech – 1 course (MCC approved course is SPE151)
- Mathematics – 1 course (MCC approved course is MAT165)

Capstone Contract Requirements

In addition to the core, requirements specified in a contract developed between the student and an Industrial Technology Department representative must be completed. The contract will include at least two years of coursework (60 semester hours) after receiving the associate's degree and will list the remaining requirements for the bachelor's degree, including the remaining core requirements.

NOTE: Sixty semester hours must be completed through a four-year college/university (48 of these are major-related courses taken through SIUC's Lake County campus.)

RECOMMENDED COURSES

The following courses must be completed in order to be considered for admission to SIUC's Capstone Program for the BS in Industrial Technology. **The bolded courses satisfy SIUC's specific general education requirements. See above list.**

General Education Core	Credit Hours	Courses
Communications	6	___ ENG151 Composition I (grade of "C" or better) ___ SPE151 Introduction to Speech
Mathematics, Physical Sciences or Life Sciences Mathematics or Physical Sciences or Life Sciences	3	___ Select 1 course from following: Recommended: MAT165 or PHY280 or one the following biology courses - BIO110, 157,158 (Each of these courses are SIUC requirements.) MAT120, 150, 158, 161, 165 , 170, 171, 175, 201+ 202,220, 245, 253, 255, 260 or CHM115, 164, 165, 166, 170, 265, 266; EAS120, 170, 171, 180, 185; GEG101, GEL101; PHY280, 281 , 291, 292, 293 or BIO105, 110, 130, 137, 157, 158, 255; GEG220; HRT103 (BIO course satisfies SIUC gen.ed.)
Social & Behavioral Sciences	3	___ Select 1 course from following: ANT151, 155, 160, 170, 260; ECO150, 251, 252; GEG202, 203, 204; HIS165, 170, 171, 172; PLT150, 151, 155, 160, 251, 255, 261; PSY151, 250, 251, 255, 260, 265; SOC101, 151, 251, 260
Humanities & Fine Arts	3	___ Select 1 course from following: ART151, 153, 155, 165, 175, 253, 171, 172, 173; ENG 240, 250, 251, 253, 254, 255, 256, 260, 261, 270, 271, 272, 275, 276; HUM150; JRN180; PHI 151, 155, 160, 240, 251, 261; MUS151, 153, 154, 171, 172; PLT281; FRE252; GER252; SPA 252; THE 151
Program Core	43-45	Please refer to MCC's 2011/12 catalog for AAS in Manufacturing Management program core requirements.
Program Electives	3	Please refer to MCC's 2011/12 catalog for AAS in Manufacturing Management program elective requirements.
Total Credits	61-63	

My MCC Education Plan

Term _____ _____ _____ _____ _____	Term _____ _____ _____ _____ _____	Term _____ _____ _____ _____ _____
Term _____ _____ _____ _____ _____	Term _____ _____ _____ _____ _____	Term _____ _____ _____ _____ _____