NORTHERN ILLINOIS UNIVERSITY
Department of Technology
College of Engineering and Engineering Technology
NIU

Bachelor's Degree-Completion Guide

Effective Fall *2015*

Sauk

Bachelor of Science in Technology → Emphasis in Applied Manufacturing Technology

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AAS → Bachelor's Degree Pathway: 120 Hours			
Your Community College			**Northern Illinois University**
A.A.S. Degree 59 Hrs	**+**	Bachelor's Foundation Courses 31 Hrs	**+**	10 NIU Technology Courses 30 Hrs → *ONLINE!*

Admissions Requirements & Transfer Recommendations

To be eligible for admission to the BS in Technology degree-completion program, with an emphasis in Applied Manufacturing Technology, you must have completed – or be working to complete – an Associate of Applied Science (AAS) degree in a technology-oriented related field (see *Technology Area of Study*, below). If you do not have a related AAS degree, contact NIU's Program Advisor to explore additional options.

Prospective transfer students should do the following:

❑ 1. Contact NIU's Program Advisor, to review your credentials and create a bachelor's degree completion plan.
❑ 2. Complete and submit an online application for admission at www.niu.edu/admissions/apply ($40 application fee) along with official copies of academic transcripts to the Office of Admissions. NIU's Transfer Center can be reached at (800) 892-3050 or transfercenter@niu.edu.
❑ 3. Work with your community college advisor – and NIU'S Program Advisor – to select the best courses for transfer (i.e., General Education and Program Prerequisites, many of which can be incorporated into an AAS degree program. See below for more details.

Academic Requirements

Undergraduate students must successfully complete all NIU graduation requirements and earn a minimum of 120 semester hours, including general education requirements and 40 hrs in upper-division (300-400 level) courses. Approved transfer courses may be used for these requirements. Students must earn a minimum of 30 hrs at NIU and maintain a minimum cumulative 2.00 ("C") grade point average.

1. **General Education and Technology Foundations**: Students must complete the following. Consult NIU Articulation Tables for all course equivalents at www.admissions.niu.edu/admissions/transfer/credits/.

General Education Requirements + Technology Foundations*			Sauk Valley CC Equivalents
General Education (35 Hrs)	**Foundational Studies** (12 Hrs)	1st + 2nd Year Rhetoric/Composition (6 Hrs)	ENG 101 + 103
		Oral Communications (3 Hrs)	SPE 131
		Quantitative Literacy (3 Hrs)	Trigonometry or Pre-calculus is required: MAT 122* (= MATH 155 at NIU)
	Knowledge Domain Studies (23 Hrs)	Creativity & Critical Analysis (6-9 Hrs)	See NIU Articulation Tables
		Nature & Technology (8-11 Hrs)	• CHE 103* • PHY 175* • See NIU Articulation Tables
		Society & Culture (6-9 Hrs)	See NIU Articulation Tables
Additional Technology Foundations	**Basic Statistics** (3 Hrs)		MAT 240
	Technical Writing (3 Hrs)		ENG 111
	Technology (3 Hrs)		EGR 103

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Academic Requirements (Continued)

2. **Technology Area of Study**

   Up to 43 semesters hours of credit for prior learning, from an approved technical Associate of Applied Science degree, may be applied toward the BS in Technology degree-completion program with the consent of the Department Chair and Program Advisor.

   The following **SAUK VALLEY COMMUNITY COLLEGE** AAS degrees are approved technology programs.

   - Electronic Engineering Technology
   - Heating, Refrigeration and Air Conditioning
   - Multicraft Technology
   - Sustainable Technologies

   If you have questions about other programs, not listed here, contact the NIU program advisor (above) to review.

3. **NIU Technology Courses**

   a. Required NIU Technology Courses (24 semester hours)

   - TECH 391: Industrial Quality Control
   - TECH 404: Supervision in Industry
   - TECH 406: Facilities Management Technology
   - TECH 429: Plant Location, Layout & Materials Management
   - TECH 432: Disaster Preparedness
   - TECH 434: Human Factors in Industrial Accident Prevention
   - TECH 492: Manufacturing Distribution Applications
   - TECH 496: Industrial Project Management

   b. NIU Technology Electives (6 semester hours)

   - TECH 305: Green Technologies
   - TECH 402: Industrial Training & Evaluation
   - TECH 435: Legal Aspects of Safety
   - TECH 442: Work Simplification & Measurement
   - TECH 444: Manufacturing Control Systems
   - TECH 484: Energy Management