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| G:\Crawford Records\CCR\Baccalaureate Completion\Applied Manufacturing Technology\Technology Logo.jpg | **Bachelor’s Degree-Completion Guide****Effective Fall *2015*** |  |

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**Bachelor of Science in Technology 🡪 Emphasis in Applied Manufacturing Technology**

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| **Contact:** Stacey Deegan, Program AdvisorNIU Department of TechnologyPh: (815) 753-9943sdeegan@niu.edu |  |

**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](http://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/](http://www.admissions.niu.edu/admissions/transfer/credits/).

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| **General Education Requirements + Technology Foundations\***  | **Sauk Valley CC Equivalents** |
| **General Education** (33 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**(21 Hrs) | Creativity & Critical Analysis (6-9 Hrs) | See NIU Articulation Tables |
| Nature & Technology (6-9 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) | DFT 208 or EGR 103 |

**Bachelor of Science in Technology 🡪 Emphasis in Applied Manufacturing Technology**

**Academic Requirements (Continued)**

1. **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.

1. **NIU Technology Courses**
2. 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
1. 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