

Triton College to NIU course requirements for an AAS in Engineering Technology plus courses required for the NIU Industrial Management and Technology B.S. Degree

Triton College courses to complete the AAS in Engineering Technology

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| ___ ENT 110 – Mechanical Blueprint Reading/
Engineering Graphics | ___ ENT 126 – Design w/Geometric Tolerancing |
| ___ ENT 111 – Dimensional Metrology I | ___ WEL 121 – Fundamentals of Welding |
| ___ ENT 104 – Electricity Fund. (NIU Tech 175/A) | ___ ENT 215 – Basic Pro-E |
| ___ RHT 101 – Composition I (NIU Engl 103) | ___ ENT 255 – Autodesk Inventor & Rendering
or ENT 280 – Solidworks Design & Rendering |
| ___ MAT 170 – Elementary Stats (NIU Stat 208) | ___ SPE 101 (NIU Coms 100) |
| ___ ENT 123 – Technical Physics | ___ ENT 270 – Machine Design |
| ___ ENT 103 – Intro. to Automation | ___ ENT 232 – Geometric Design, Layout &
Building |
| ___ ENT 252 – Intro to Mechanical AutoCAD
(NIU Tech 211) | ___ HTH 104 – (NIU Interdisciplinary Elective) |
| ___ ENT 115 – Fluid Power | ___ ENT 290 or ENT 259 |
| ___ MAT 111 – Trigonometry (NIU Math 155) | ___ Humanities Elective (per NIU requirements) |
| ___ ENT 210 – Mfg. Processes (NIU Tech 265) | ___ PSC 150 (NIU Social Science Elective) |
| ___ ENT 295 – Mechanics/Mechanisms | |

Triton College courses needed in completion of NIU Industrial Management and Technology B.S. degree

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| ___ RHT 102 – Composition II (NIU Engl 104) | ___ CHM 110 (NIU Chem 110 & 111) |
| ___ Humanities Elective (per NIU requirements) | ___ PHY 101 or PHY 102 (NIU Phys 150A) |
| ___ Humanities Elective (per NIU requirements) | ___ BUS 188 (NIU Tech Writing) |
| ___ Social Science Elect (per NIU requirements) | ___ ACC 101 (NIU Accy 206) |

NIU Course work – Taken at NIU – DeKalb, Hoffman Estates, Naperville, or Rockford

Required NIU courses

- ___ Tech 302 – Graphic Presentation and Communication
- ___ Tech 391 – Industrial Quality Control
- ___ Tech 395 – Industrial Data Processing
- ___ Tech 404 – Supervision in Industry
- ___ Tech 429 - Plant location, Layout and Materials Handling
- ___ Tech 434 – Human Factors in Industrial Accident Prevention
- ___ Tech 496 - Industrial Project Management

Technology Electives - Choose 2

- ___ Tech 402 - Industrial Training and Evaluation
- ___ Tech 442 - Work Simplification
- ___ Tech 443 - Engineering Economy
- ___ Tech 444 - Production Control systems
- ___ Tech 484 - Energy Management
- ___ Tech 492 – Manufacturing Distribution Applications

- ___ Technology Department elective – must be upper level 300/400 (consult NIU Technology Dept. Advisor)
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NIU Requirements for graduation – See www.ceet.niu.edu/tech for more information

- A minimum of 120 hours for graduation
- A minimum of 30 hours in NIU course work
- A minimum of 40 Hours in upper level 300/400 level courses
- Completion of the NIU General Education Core

01-10-08