

College of Lake County to NIU course requirements for an AAS in Architectural Technology plus courses required for the NIU Industrial Technology BS Degree

CLC Courses to complete the AAS in Architectural Technology

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| ___ ARC 121 – Architectural Graphics | ___ Social Science Elect (per NIU requirements) |
| ___ CMT 113 – Construction Materials | ___ EGR 216 – Statics & Mechanics of Materials
For Technology |
| ___ MTH 117 & MTH 118 or MTH 122 & MTH
123 (NIU Math 155 – Trigonometry) | ___ PSY 122 – Psychology in Business & Industry |
| ___ PHY 121 General Physics (NIU Phys 150A) | ___ CMM 121 – Fund of Speech (NIU Coms 100) |
| ___ CAD 110 - CAD/CAM Concepts (NIU Tech
211) | ___ ARC 216 – Architectural Illustration |
| ___ ARC 170 – Architectural Design | ___ ARC 271 – Architectural Working Drawings II |
| ___ CAD 117 - Introduction to AutoCAD | ___ ARC 228 – Hist of Architecture (NIU
Humanities Elective) |
| ___ ENG 121 – Engl Comp I (NIU Engl 103) | ___ CMT 118 – Mechanical & Electrical Equip. |
| ___ ARC 171 - Architectural Working Drawings | ___ CMT 119 – Specifications & Building Codes |
| ___ CAD 214 – Architectural Applications | ___ CAD 179 – CAD Animation & Rendering |

CLC Courses needed in completion of NIU IT degree

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| ___ ENG 122 - English Comp II (NIU Engl 104) | ___ MTH 222 (NIU Stat 208) |
| ___ Humanities Elect (per NIU requirements) | ___ ENG 126 (NIU Tech Writing) |
| ___ Humanities Elect (per NIU requirements) | ___ ACC 121 (NIU Accy 206) |
| ___ Social Science Elect (per NIU requirements) | ___ MCD 111 (NIU Tech 265) |
| ___ Interdisciplinary Elect (per NIU requirements) | ___ ELT 170 & 172 (NIU Tech 175/175A) |
| ___ CHM 121 (NIU Chem 110 & 111) | |

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

Required NIU courses

- ___ Tech 302 – Graphic Presentation and Communications
- ___ 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 391 - Industrial Quality Control
- ___ Tech 496 - Industrial Project Management

Technology Electives - Choose 4

- ___ 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)

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 NIU 300/400 level courses
- Completion of the NIU General Education Core

7-25-06