

College of DuPage to NIU course requirements for an AAS in Computer and Internetworking Technologies (CIT) plus courses required for the NIU Industrial Technology BS Degree

COD Courses to complete the AAS in Computer and Internetworking Technologies (CIT)

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|--|---|
| ___ Elect 1100 – Electricity & Electron. Fund. | ___ Cit 2235 - Data Communications & Networks |
| ___ Elect 1101 (NIU Tech 175/175A) | ___ Physi 1100 - Physics |
| ___ Elect 1102 – Circuits II | ___ Math 1431 – Precalculus I |
| ___ Cit 1121 – Networking Basics | ___ Math 1432 - (NIU Math 155 - Trigonometry) |
| ___ Cit 1122 – Routers & Routing Basics | ___ Cis 1400 - Programming Logic & Technique |
| ___ Cit 1123 – Switching Basics & Intermediate Routing | ___ Program Electives – select at least 7 hrs |
| ___ Cit 1124 – WAN Technologies | ___ Social Science Elect (per NIU requirements) |
| ___ Cit 1131 – PC Maintenance & Upgrading | ___ Humanities Elective (per NIU requirements) |
| ___ Cit 2231 - Computer & Hardware Maintenance | ___ Engli 1101 – Eng. Comp. I (NIU Engl 103) |
| ___ Cit 2233 – Advanced System Maintenance | ___ Speec 1100 (NIU Coms 100) |
| | ___ Global/Multicultural Studies or Contemporary Life Skills category (2 credits) |

COD Courses needed in completion of NIU IT degree

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|--|---|
| ___ Engli 1102 - Eng. Comp II (NIU Engl 104) | ___ Math 1635 – Statistics (NIU Stat 208) |
| ___ Humanities Elective (per NIU requirements) | ___ Engli 1105 (NIU Tech Writing) |
| ___ Humanities Elective (per NIU requirements) | ___ Accou 1140 – Finan. Acctg. (NIU Accy 206) |
| ___ Social Science Elect (per NIU requirements) | ___ NIU Phys 150A |
| ___ Interdisciplinary Elect (per NIU requirements) | ___ Engin 1101 - (NIU Tech 211) |
| ___ Chemi 1105 or 1211 - (NIU Chem 110/111) | |

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

Required NIU courses

- ___ Tech 265 – Basic Manufacturing Processes
- ___ 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)
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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 NIU 300/400 level courses
- Completion of the NIU General Education Core