

College of DuPage to NIU course requirements for an AAS in Computer Information Systems (CIS) – Microcomputer Specialist plus courses required for the NIU Industrial Technology BS Degree

COD Courses to complete the AAS in Computer Information Systems (CIS) – Microcomputer Specialist

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|---|---|
| ___ Cis 1120 – The Internet | ___ Cis 2770 – Intro. to System Analysis & Design |
| ___ Cis 1130 – Windows Basics | ___ Accou 1140 – Finan. Acctg. (NIU Accy 206) |
| ___ Cis 1150 – Introduction to CIS | ___ Program Electives – Select 5 to 9 hours from any Cis courses except Cis 1110 |
| ___ Cis 1160 – Windows Command Line (DOS) | ___ Chemi 1105 or 1211 - (NIU Chem 110/111) |
| ___ Cis 1180 – Introduction to Networking | ___ Math 1432 - (NIU Math 155 - Trigonometry) |
| ___ Cis 1205 – Office Suite Software & Integration | ___ Social Science Elect (per NIU requirements) |
| ___ Cis 1221 – Introduction to Spreadsheets | ___ Humanities Elective (per NIU requirements) |
| ___ Cis 1222 – Advanced Spreadsheets | ___ Engli 1101 – Eng. Comp. I (NIU Engl 103) |
| ___ Cis 1230 – Microcomputer Database Application (Cis 1221/1222/1230 equivalent to NIU Tech 395) | ___ Spec 1100 (NIU Coms 100) |
| ___ Cis 1310 – HTML and CSS | ___ Global/Multicultural Studies or Contemporary Life Skills category (2 credits) |
| ___ Cis 1400 – Programming Logic & Technique | |

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) | ___ NIU Phys 150A |
| ___ Social Science Elect (per NIU requirements) | ___ Elect 1101 (NIU Tech 175/175A) |
| ___ Interdisciplinary Elect (per NIU requirements) | ___ Engin 1101 - (NIU Tech 211) |

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 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