

**College of DuPage to NIU course requirements for an AAS in Plastics Technology plus courses required for the NIU Industrial Technology BS Degree**

**COD Courses to complete the AAS in Plastics Technology**

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| ___ Plast 1101 – Intro. to Plastics Industry  | ___ Math 1432 - (NIU Math 155 - Trigonometry)                                     |
| ___ Plast 1700 – Fund. of Plastics  | ___ Physi 1201 (NIU Phys 150A)  |
| ___ Plast 1400 - Molding  | ___ Engli 1101 – Eng. Comp. I (NIU Engl 103)                                      |
| ___ Plast 1410 - Extrusion  | ___ Speec 1100 (NIU Coms 100)   |
| ___ Plast 2700 – Plastics Engineering   | ___ Humanities Elective (per NIU requirements)                                    |
| ___ Plast 1420 – Plastics Finishing   | ___ Social Science Elect (per NIU requirements)                                   |
| ___ Chemi 1211 - (NIU Chem 110/111)   | ___ Global/Multicultural Studies or Contemporary Life Skills category (2 credits) |
| ___ Program electives (23 credits) see catalog for complete course list, suggested courses: Manuf 1180 (NIU Tech 391), Elmec 2410, Manuf 1141, Manuf 2251 |   |

**COD Courses needed in completion of NIU IT degree**

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|--|---|
| ___ Engli 1102 - Eng. Comp II (NIU Engl 104)       | ___ Engli 1105 (NIU Tech Writing)             |
| ___ Humanities Elective (per NIU requirements)     | ___ Accou 1140 – Finan. Acctg. (NIU Accy 206) |
| ___ Humanities Elective (per NIU requirements)     | ___ Math 1635 – Statistics (NIU Stat 208)     |
| ___ Social Science Elect (per NIU requirements)    | ___ Elect 1101 (NIU Tech 175/175A)            |
| ___ Interdisciplinary Elect (per NIU requirements) | ___ Engin 1101 - (NIU Tech 211)               |

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**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 496 - Industrial Project Management

**Technology Electives - Choose 3**

- \_\_\_ 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

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NIU Requirements for graduation – See [www.ceet.niu.edu/tech](http://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