

McHenry County College to NIU course requirements for an AAS in Manufacturing Management plus courses required for the NIU Industrial Technology BS Degree

MCC Courses to complete the AAS in Manufacturing Management

___ BUS 145 – Business Applications of Math	___ MET 100 – Blueprint Reading
___ CIS 110 – Computer Literacy	___ MET 101 – Materials of Industry
___ IMT 110 – Supervisory Responsibility	___ MET 102 – Manufacturing Processes
___ IMT 112 – Training the Trainer	___ MET 250 – Manufacturing Internship
___ IMT 116 – Industrial Safety Management	___ MGT 150 – Principles of Management
___ IMT 117 – Production & Material Control	___ MET 299 or IMT 125 or MGT 210
___ IMT 121 – Total Quality Mgmt (NIU Tech 391)	___ ENG 151 – Composition (NIU Engl 103)
___ IMT 135 – Maintenance of Management	___ SPE 151 (NIU Coms 100)
___ IMT 200 – Computer Integrated Mfg. I	___ Humanities Elective (per NIU requirements)
___ IMT 205 – Computer Integrated Mfg. II	___ Social Science Elect (per NIU requirements)
___ IMT 210 – Continuous Improvement Practices	___ CHM 164 (NIU Chem 110 & 111)

MCC Courses needed in completion of NIU IT degree

___ ENG 152 (NIU Engl 104)	___ MAT 120 or 220 (NIU Stat 208)
___ Humanities Elective (per NIU requirements)	___ ENG 105 (NIU Tech Writing)
___ Humanities Elective (per NIU requirements)	___ ACC 151 (NIU Accy 206)
___ Social Science Elect (per NIU requirements)	___ EET 110 (NIU Tech 175/175A)
___ Interdisciplinary Elect (per NIU requirements)	___ EGR 151 (NIU Tech 211)
___ MAT 165 (NIU Math 155 - Trigonometry)	___ MET 102 (NIU Tech 265)
___ (NIU Phys 150A)	

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 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

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