

Rock Valley College to NIU course requirements for an AAS in Electronic Engineering Technology plus courses required for the Industrial Management and Technology BS Degree

RVC courses to complete the AAS in Electronic Engineering Technology

___ AMT 111 – CNC Machining	___ EET 251 – Microcontrollers & Interfacing
___ CDT 100 – Intro. to CAD & Blueprint Reading	___ EET 254 – Robotics and Automated Systems
___ CDT 146 – Hydraulics, Pneumatics, & PLCs	___ EET 282 – EET Capstone Project
___ CDT 162 – Applied Physics	___ EET 298 – EET Seminar
___ EET 125 – Electronic Fabrication Skills	___ Select 6 credits from listing in catalog
___ EET 135 – Digital Electronics	___ ENG 101 – Composition I (NIU Engl 103)
___ EET 141 – DC/AC Circuits and Electronics I	___ ENG 110 (NIU Tech Writing)
___ EET 142 – DC/AC Circuits and Electronics II	___ MTH 125 (NIU Math 155 – Trigonometry)
___ EET 240 – DC/AC Circuits and Electronics III (NIU Tech 175/175A)	___ PHY 201 (NIU Phys 150A)

RVC College courses needed in completion of NIU Industrial Management and Technology Degree

___ ENG 103 – Composition II (NIU Engl 104)	___ Interdisciplinary Elect (per NIU requirements)
___ SPH 131 (NIU Coms 100)	___ CHM 100 (NIU Chem 110 & 111)
___ Humanities Elective (per NIU requirements)	___ MTH 220 (NIU Stat 208)
___ Humanities Elective (per NIU requirements)	___ ATG 110 – Financial Acctg. (NIU Accy 206)
___ Humanities Elective (per NIU requirements)	___ CDT 108 (NIU Tech 211)
___ Social Science Elect (per NIU requirements)	___ CDT 105 (NIU Tech 265)
___ Social Science Elect (per NIU requirements)	

NIU Course work – Taken at NIU – Rockford

Required NIU courses

- ___ Tech 302 – Graphic Presentation and Communication
- ___ Tech 391 – Industrial Quality Control
- ___ 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 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

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