

Industrial Automation, Controls, and Networking

Curriculum Map

Program offered at New Richmond

Check out this program at <http://www.witc.edu/programs/progcerts.htm>



School Year 2006-2007

Industrial Automation, Controls, and Networking

(Two-Year)
Associate Degree (10-631-2)



Job Titles

Computer Technician
 Network Technician
 Field Service Technician

Glidden High School

| Glidden High School | | | |
|--|---|-----------------|---|
| First Semester | | Second Semester | |
| 10150110 | Computer and Internet Concepts | 10150112 | Cisco 2 |
| 10150111 | Cisco 1 | 10150117 | Microsoft LAN Administration |
| 10154102 | Microcomputer Operating Systems 1 | 10150121 | Hardware/Software Installation |
| 10605128 | Network Electrical | 10154103 | Microcomputer Operating Systems 2 |
| 10801195 | Written Communication | 10801196 | Oral/Interpersonal Communication |
| 10804163 | Technical Math 163 | 10809199 | Psychology of Human Relations |
| Third Semester | | Fourth Semester | |
| 10631100 | Introduction to Process Control | 10631104 | Smart Instruments |
| 10631102 | Industrial Power Electronics | 10631105 | Industrial Networks & Communication Busses |
| 10631103 | Process Control and Instrumentation | 10631106 | Supervisory and Distributed Control Systems |
| 10631108 | PLC Programming and Interfacing | 10631107 | Industrial Network Case Studies |
| 10631109 | Industrial AC, Motor Control, & Pilot Devices | 10801197 | Technical Reporting |
| 10809195 | Economics | 10890105 | Job Quest |
| Helpful High School Courses | | Electives | |
| Algebra/Geometry English/Speech/Creative Writing Economics/Business Basic Computer Skills | | 10605129 | Network Cabling |

Courses reflected in **red** are approved for advanced standing with WITC.

Note: Course sequence may vary by campus.