

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

Ashland High School

First Semester		Second Semester	
10150110 10150111 10154102 10605128 10801195 10804163	Computer and Internet Concepts Cisco 1 Microcomputer Operating Systems 1 Network Electrical Written Communication Technical Math 163	10150112 10150117 10150121 10154103 10801196 10809199	Cisco 2 Microsoft LAN Administration Hardware/Software Installation Microcomputer Operating Systems 2 Oral/Interpersonal Communication Psychology of Human Relations
Third Semester		Fourth Semester	
10631100 10631102 10631103 10631108 10631109 10809195	Introduction to Process Control Industrial Power Electronics Process Control and Instrumentation PLC Programming and Interfacing Industrial AC, Motor Control, & Pilot Devices Economics	10631104 10631105 10631106 10631107 10801197 10890105	Smart Instruments Industrial Networks & Communication Busses Supervisory and Distributed Control Systems Industrial Network Case Studies Technical Reporting 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.