

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
 Control Systems Technician
 Instrument Technician
 Programmable Logic Controller (PLC) Technician
 Industrial Automation Technician

Unity High School

Unity 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.