

SAMPLE OCCUPATIONS RELATING TO THIS CAREER CLUSTER

Pathway	Occupations
NETWORK SYSTEMS	Computer Information Systems • Network Administrator • Network Engineer • Network Technician • Network Security Analyst • Telecommunications Network Technician
INFORMATION SUPPORT & SERVICES	Data Administrator • Data Modeler • Help Desk Specialist • Computer Support Specialist • Computer Systems Analyst
INTERACTIVE MEDIA	Multimedia Specialist • Web Designer • Web Site Developer • Animator
PROGRAMMING & SOFTWARE DEVELOPMENT	Computer Programmer • Software Applications Specialist • Computer Software Engineer • Software Applications Tester

iFORWARD ONLINE CHARTER SCHOOL - SUGGESTED COURSE OF HIGH SCHOOL STUDY

Language Arts *Required Courses (four credits required to graduate)	Math *Required Courses (three credits required to graduate)	Science *Required Courses (three credits required to graduate)	Social Studies *Required Courses (three credits required to graduate)	Physical Education *Required Courses (1.5 credits in PE and .5 in Health)	iForward Career & Technical Education and Other Electives (a total of three credits must be earned in foreign language, fine arts, or career and technical education – required to graduate)	Additional Suggested Learning Opportunities
<input type="checkbox"/> Grade 9 English I* <input type="checkbox"/> Grade 10 English II* <input type="checkbox"/> English III <input type="checkbox"/> English IV	<input type="checkbox"/> Algebra I* <input type="checkbox"/> Algebra II <input type="checkbox"/> Pre-Calculus <input type="checkbox"/> Calculus <input type="checkbox"/> Honors Calculus <input type="checkbox"/> Statistics	<input type="checkbox"/> Physical Science* <input type="checkbox"/> Biology* <input type="checkbox"/>	<input type="checkbox"/> U.S. History* <input type="checkbox"/> American Government* <input type="checkbox"/> Economics	<input type="checkbox"/> Physical Education <input type="checkbox"/> Personal Fitness <input type="checkbox"/> Health <input type="checkbox"/> Fitness Lifestyle Design	<input type="checkbox"/> Honors Computer Science <input type="checkbox"/> Foreign Language: Chinese & Spanish <input type="checkbox"/> Computer Programming <input type="checkbox"/> Game Design <input type="checkbox"/> Life Management Skills <input type="checkbox"/> Web Design <input type="checkbox"/> Personal & Family Finance <input type="checkbox"/> Journalism	School-Based: <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project Community-Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 22 Credits are required to graduate from iForward </div>						

WISCONSIN APPRENTICESHIP OPPORTUNITIES AND POSTSECONDARY PROGRAMS RELATED TO THIS CAREER CLUSTER

Pathway	Apprenticeship Opportunities	Associate Degree or Less	Bachelors Degree	Masters Degree or More
NETWORK SYSTEMS	<input type="checkbox"/> Cable Splicer <input type="checkbox"/> Internetworking Technician <input type="checkbox"/> Line Installer/Repairer <input type="checkbox"/> Line Maintainer <input type="checkbox"/> Relay Tester	<input type="checkbox"/> Network & Systems Administration (FVTC, WTC) <input type="checkbox"/> Information Assurance/System Security (BTC, BSCW, MilATC, FVTC) <input type="checkbox"/> System, Networking, LAN/WAN Management (BSCMil, ITTTG, ITTGB, ITTMad) <input type="checkbox"/> Database Technology (FVTC, MPTC) <input type="checkbox"/> Information Technology (NATC, WCTC)	<input type="checkbox"/> Information Technology (MarianU, MarQU, UWP-Mad, UWSP, UWWhit) <input type="checkbox"/> Information Assurance/System Security (ITTTG, ITTGB, ITTMad)	<input type="checkbox"/> Information Assurance/System Security (UWMad)
INFORMATION SUPPORT & SERVICES	<input type="checkbox"/> Electric Meter Repairer <input type="checkbox"/> Electronics Mechanic <input type="checkbox"/> Instrument Technician <input type="checkbox"/> Line Installer/Repairer <input type="checkbox"/> Line Maintainer <input type="checkbox"/> Protective Signal Installer <input type="checkbox"/> Substation Operator	<input type="checkbox"/> Computer Engineering Technician (FVTC, ITTTG, ITTGB, ITTMad, MadATC, MSTC) <input type="checkbox"/> Information Technology (NATC, WCTC) <input type="checkbox"/> Computer Technology Management (MilATC)	<input type="checkbox"/> Information Technology (MarianU, MarQU, UWP-Mad, UWSP, UWWhit) <input type="checkbox"/> Computer Engineer (MarQU, MSOE, UWMad, UWStout)	<input type="checkbox"/> Computer Engineer (MarQU, UWMil)
INTERACTIVE MEDIA		<input type="checkbox"/> Webmaster/Web Designer (BTC, FVTC, GTC, MPTC, NWTC, ITTTG, ITTGB, MMI, MPTC, WITC, HC, MadATC)	<input type="checkbox"/> Graphic Design Technology (AIW, SLC, UWSP)	
PROGRAMMING & SOFTWARE DEVELOPMENT	For more about Apprenticeships: http://bat.doleta.gov/bat.cfm	<input type="checkbox"/> Computer Programming (CVTC, FVTC, GTC, LTC, MadATC, SWTC, WCTC, WTC)	<input type="checkbox"/> Software Engineer (CU, ITTTG, ITTGB, ITTMad, MSOE, UWPlatt)	<input type="checkbox"/> Software Engineer (CU, UWLC)

		<input type="checkbox"/> Computer Science (NATC)	<input type="checkbox"/> Computer Science (BC, CSU, CC, CUW, LC, LU, RC, SLC, UWGB, UWMad, UWMil, UWO, UWPark, UWPlatt, UWRF, UWSup)	<input type="checkbox"/> Computer Science (MarqU, UWMad, UWMil, UWPark, UWPlatt)
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AIW - Art Institute of Wisconsin, BC - Beloit College, BSCMil - Bryant & Stratton College - Milwaukee, BSCW - Bryant & Stratton College - Wauwatosa Campus, BTC - Blackhawk Technical College, CC - Carthage College, CSU - Cardinal Stritch University, CU - Carroll University, CUW - Concordia University Wisconsin, CVTC - Chippewa Valley Technical College, FVTC - Fox Valley Technical College, GTC - Gateway Technical College, HC - Herzing College, ITTGB - ITT Technical Institute Green Bay, ITTMad - ITT Technical Institute Madison, ITTTG - ITT Technical Institute Greenfield, LC - Lakeland College, LTC - Lakeshore Technical College, LU - Lawrence University, MadATC - Madison Area Technical College, Madison Area Technical College, MarianU - Marian University, MarqU - Marquette University, MilATC - Milwaukee Area Technical College, MMI - Madison Media Institute, MPTC - Moraine Park Technical College, MSOE - Milwaukee School of Engineering, MSTC - Mid-State Technical College, NATC - Nicolet Area Technical College, NWTC - Northeast Wisconsin Technical College, RC - Ripon College, SLC - Silver Lake College, SWTC - Southwest Wisconsin Technical College, UWGB - University of Wisconsin–Green Bay, UWLC - University of Wisconsin–La Crosse, UWMad - University of Wisconsin–Madison, UWMil - University of Wisconsin–Milwaukee, UWO - University of Wisconsin–Oshkosh, UWPark - University of Wisconsin–Parkside, UWPlatt - University of Wisconsin–Platteville, UWP-Mad - University of Phoenix–Madison Campus, UWRF - University of Wisconsin–River Falls, UWSP - University of Wisconsin–Stevens Point, UWStout - University of Wisconsin–Stout, UWSup - University of Wisconsin–Superior, UWWhit - University of Wisconsin–Whitewater, Waukesha County Technical College, WCTC - Waukesha County Technical College, WTC - Western Technical College