



Winneconne High School

INFORMATION TECHNOLOGY CAREER CLUSTER

Building Linkages in IT Occupations Framework: for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.



PATH WAYS	Information Support & Services	Network Systems	Programming & Software Development	Web & Digital Communications
SAMPLE CAREER SPECIALTIES / OCCUPATIONS	<p>Database Development and Administration:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Data: Administrator, Analyst, Architect, Mngmt. Assoc., Modeler, Modeling Spec. <input type="checkbox"/> Database: Administration Associate, Administrator, Analyst, Developer, Manager, Modeler, Security Expert, DSS (Decision Support Services), Knowledge Architect <input type="checkbox"/> Senior: Database Administrator, Systems Analyst <input type="checkbox"/> Systems: Administrator, Analyst <p>Technical Writer:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Desktop Publisher, Document Specialist, Documentation Specialist, Editor <input type="checkbox"/> Electronic Publications Specialist, Publisher <input type="checkbox"/> Instructional Designer, Online Publisher <input type="checkbox"/> Technical: Communicator, Editor, Publications Manager <p>Technical Support:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Analyst, Call Center Support Representative, Content Manager <input type="checkbox"/> Customer: Liaison, Service Representative, Service Professional <input type="checkbox"/> Help Desk: Specialist, Technician, Maintenance Tech., PC Support Specialist, PC Systems Coord., Product Support Engineer, Sales Support Tech., Systems Analyst <input type="checkbox"/> Technical: Account Manager, Support Engineer, Support Rep., Testing Engineer <p>Enterprise Systems Analysis & Integration</p> <ul style="list-style-type: none"> <input type="checkbox"/> Application & Cross-Enterprise Integrator, Business Continuity Analyst <input type="checkbox"/> Data: Systems Designer, Systems Manager, Warehouse Designer, E-Business Specialist, Electronic Transactions Implementer <input type="checkbox"/> Information Systems: Architect, Planner <input type="checkbox"/> Systems: Analyst, Architect, Integrator 	<p>Network Design and Administration:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Communications Analyst <input type="checkbox"/> Data Communications Analyst <input type="checkbox"/> Information Systems Administrator <input type="checkbox"/> Information Systems Operator <input type="checkbox"/> Information Technology Engineer <p>Network:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Administrator <input type="checkbox"/> Analyst <input type="checkbox"/> Architect <input type="checkbox"/> Engineer <input type="checkbox"/> Manager <input type="checkbox"/> Operations Analyst <input type="checkbox"/> Security Analyst <input type="checkbox"/> Specialist <input type="checkbox"/> Technician <input type="checkbox"/> Transport Administrator <input type="checkbox"/> PC Support Specialist <input type="checkbox"/> System Support Lead <input type="checkbox"/> Network Engineer <p>Systems:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Administrator <input type="checkbox"/> Engineer <input type="checkbox"/> Support Lead <input type="checkbox"/> Technical Support Specialist <input type="checkbox"/> User Support Specialist <input type="checkbox"/> Telecommunications Network Tech. 	<p>Programming / Software Engineering Applications:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Analyst <input type="checkbox"/> Engineer <input type="checkbox"/> Business Analyst <input type="checkbox"/> Computer Engineer <input type="checkbox"/> Data Modeler <p>Operating System:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Designer/Engineer <input type="checkbox"/> Programmer Analyst <input type="checkbox"/> Program Manager <input type="checkbox"/> Programmer <input type="checkbox"/> Project Lead <p>Software Applications:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Specialist <input type="checkbox"/> Architect <input type="checkbox"/> Design Engineer <input type="checkbox"/> Development Engineer <input type="checkbox"/> Engineer <input type="checkbox"/> QA Specialist <input type="checkbox"/> Tester <p>Systems:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Analyst <input type="checkbox"/> Administrator <input type="checkbox"/> Test Engineer <input type="checkbox"/> Tester 	<p>Digital Media:</p> <ul style="list-style-type: none"> <input type="checkbox"/> 2D/3D Artist <input type="checkbox"/> Animator <input type="checkbox"/> Audio/Video Engineer <input type="checkbox"/> Designer <input type="checkbox"/> Media Specialist <input type="checkbox"/> Media/Instructional Designer <p>Multimedia:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Author <input type="checkbox"/> Authoring Specialist <input type="checkbox"/> Developer <input type="checkbox"/> Specialist <input type="checkbox"/> Producer <input type="checkbox"/> Production Assistant <input type="checkbox"/> Programmer <input type="checkbox"/> Streaming Media Specialist <input type="checkbox"/> Virtual Reality Specialist <p>Web:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Designer, Producer, Specialist <p>Web Development and Admin.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Web Administrator <input type="checkbox"/> Web Architect <input type="checkbox"/> Web Designer <input type="checkbox"/> Web Page Developer <input type="checkbox"/> Web Producer <input type="checkbox"/> Web Site Developer <input type="checkbox"/> Web Specialist <input type="checkbox"/> Webmaster – Level 1 & 2

Is this career path for you?

- Are you a creative thinker?
- Are you imaginative, innovative, and original?
- Do you like to communicate ideas?
- Do you like making crafts, drawing, playing a musical instrument, taking photos, or writing stories?

Passions – solving problems, trying new technology, improving how things work
 Attitude – analytical, curious
 Talents – ability to work with technology, scientific-minded, detail-oriented
 Heart – likes to work alone, likes challenge of solving problems

Are you?

- Realistic**
- Investigative**
- Conventional**
- Enterprising
- Artistic
- Social

If you are not sure what your Holland Code score is, complete an assessment at www.WisCareers.wisc.edu

Important Web Page Links

- www.winneconne.k12.wi.us
- www.wiscareers.wisc.edu
- www.uwhelp.wisconsin.edu
- www.dwd.state.wi.us
- www.bls.gov
- www.careerclusters.org
- www.worknet.wisconsin.gov
- www.salary.com
- www.online.onetcenter.org
- www.aitp.org
- www.aeanet.org