

**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.**

Sample of Career Specialties / Occupations	<p>Network Design and Administration:          Communications Analyst * Data Communications Analyst * Information Systems Administrator * Information Systems Operator * Information Technology Engineer          Network Consulting Engineer          Network Pre-Sales Engineer          Network: Administrator * Analyst * Architect * Engineer * Manager * Operations Analyst * Security Analyst * Specialist * Technician * Transport Administrator          PC Support Specialist * Systems: Administrator * Engineer * Support Lead          Technical Support Specialist * User Support Specialist          Telecommunications Network Technician</p>	<p>Database Development and Administration:          Data: Administrator * Analyst * Architect * Management Associate * Modeler * Modeling Specialist          Database: Administration Associate * Administrator * Analyst * Developer * Manager * Modeler * Security Expert * DSS (Decision Support Services) * Knowledge Architect          Senior: Database Administrator * Systems Analyst          Systems: Administrator * Analyst          Tester          Technical Writer:          Desktop Publisher * Document Specialist * Documentation Specialist * Editor          Electronic Publications Specialist * Publisher          Instructional Designer, Online Publisher          Technical Communicator * Editor * Publications Manager * Writer          Technical Support:          Analyst * Call Center Support Representative * Content Manager          Customer: Liaison * Service Representative * Service Professional          Help Desk Specialist * Technician          Maintenance Technician * PC Support Specialist * PC Systems Coordinator * Product Support Engineer * Sales Support Technician *          Technical: Account Manager * Support Engineer * Support Representative          Testing Engineer          Enterprise Systems Analysis and Integration:          Application Integrator * Business Continuity Analyst * Cross-Enterprise Integrator          Data: Systems Designer * Systems Manager * Warehouse Designer          E-Business Specialist * Electronic Transactions Implementer          Information Systems: Architect * Planner          Systems: Analyst * Architect * Integrator</p>	<p>Digital Media:          2D/3D Artist * Animator * Audio/Video Engineer * Designer * Media Specialist * Media/Instructional Designer          Multimedia: Author * Authoring Specialist * Developer * Specialist          Producer * Production Assistant * Programmer * Streaming Media Specialist * Virtual Reality Specialist          Web: Designer * Producer * Specialist          Web Development and Administration:          Web: Administrator * Architect * Designer * Page Developer * Producer * Site Developer * Specialist          Webmaster          Web Developer          Social Networking Specialist          Blog Developer * Search Engine Marketing Specialist          Search Engine Optimization Specialist</p>	<p>Programming / Software Engineering:          Applications: Analyst * Engineer          Business Analyst * Computer Engineer * Data Modeler          Operating System: Designer/Engineer * Programmer Analyst          Program Manager * Programmer * Programmer/Analyst * Project Lead          Software Applications: Specialist * Architect * Design Engineer * Development Engineer * Engineer * QA Specialist * Tester          Systems: Analyst * Administrator          Test Engineer * Tester</p>
Pathways	Network Systems	Information Support and Services	Web and Digital Communications	Programming and Software Development
CCTC / Career Ready Practices	<p>The <b>Common Career Technical Core (CCTC)</b> includes a set of standards for each of the 16 Career Clusters™ and their corresponding Career Pathways that define what students should know and be able to do after completing instruction in a program of study. The CCTC also includes an overarching set of <b>Career Ready Practices</b> that apply to all programs of study. The Career Ready Practices include 12 statements that address the knowledge, skills and dispositions that are important to becoming career ready.</p>			