

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	Network Design and Administration: Communications Analyst * Data Communications Analyst * Information Systems Administrator * Information Systems Administrator * 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	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: 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	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: Architect * Architect * Page Developer * Designer * Site Developer * Specialist Webmaster Web Developer Social Networking Specialist Blog Developer * Search Engine Marketing Specialist Search Engine Optimization Specialist	Programming / Software Engineering: Applications: Analyst * Engineer Business Analyst * Data 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
Pathways	Network Systems	Information Support and Services	Web and Digital Communications	Programming and Software Development
CCTC / Career Ready Practices	<p>The Common Career Technical Core (CCTC) 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 Career Ready Practices 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>			