



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.

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| Sample of Career Specialties / Occupations | <p>Network Design and Administration:</p> <ul style="list-style-type: none"> ❑ Communications Analyst * Data Communications Analyst * Information Systems Administrator * Information Systems Operator * Information Technology Engineer ❑ Network: Administrator * Analyst * Architect * Engineer * Manager * Operations Analyst * Security Analyst * Specialist * Technician * Transport Administrator ❑ PC Support Specialist * Systems Support Lead * Network Engineer ❑ Systems: Administrator * Engineer * Support Lead ❑ Technical Support Specialist * User Support Specialist ❑ Telecommunications Network Technician | <p>Database Development and Administration:</p> <ul style="list-style-type: none"> ❑ 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 <p>Technical Writer:</p> <ul style="list-style-type: none"> ❑ Desktop Publisher * Document Specialist * Documentation Specialist * Editor ❑ Electronic Publications Specialist * Publisher ❑ Instructional Designer, Online Publisher ❑ Technical Communicator * Editor * Publications Manager * Writer <p>Technical Support:</p> <ul style="list-style-type: none"> ❑ 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 * Systems Analyst ❑ Technical: Account Manager * Support Engineer * Support Representative ❑ Testing Engineer <p>Enterprise Systems Analysis and Integration:</p> <ul style="list-style-type: none"> ❑ 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>Digital Media:</p> <ul style="list-style-type: none"> ❑ 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 <p>Web Development and Administration:</p> <ul style="list-style-type: none"> ❑ Web: Administrator * Architect * Designer * Page Developer * Producer * Site Developer * Specialist * Webmaster – Level 1 & 2 (c) ❑ Webmaster | <p>Programming / Software Engineering:</p> <ul style="list-style-type: none"> ❑ 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 |
| Pathways | Network Systems | Information Support and Services | Interactive Media | Programming and Software Development |
| Cluster K&S | <p style="text-align: center;">Cluster knowledge and skills</p> <ul style="list-style-type: none"> ◆ Academic Foundations ◆ Communications ◆ Problem Solving and Critical Thinking ◆ Information Technology Applications ◆ Systems ◆ Safety, Health and Environmental ◆ Leadership and Teamwork ◆ Ethics and Legal Responsibilities ◆ Employability and Career Development ◆ Technical Skills | | | |

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