

**Table C. Information Technology Career Cluster Occupational Specialties and Related O*NET Occupations,
Sequenced by Career Pathway and Occupational Specialty Code**

Occupational Specialty		Related SOC/O*NET Occupation	
	Title	Code	Title
11.10000	Network Systems Pathway		
11.10010	Network Systems Communications Analyst	15-1081.00	Network Systems and Data Communications Analysts
11.10020	Network Systems Data Communications Analyst	15-1081.00	Network Systems and Data Communications Analysts
11.10030	Network Information Systems Administrator	15-1071.00	Network and Computer Systems Administrators
11.10040	Network Information Systems Operator	15-1071.00	Network and Computer Systems Administrators
11.10050	Network Information Systems Engineer	15-1032.00	Computer Software Engineers, Systems Software
11.10060	Network Administrator	15-1071.00	Network and Computer Systems Administrators
11.10070	Network Analyst	15-1051.00	Computer Systems Analysts
11.10080	Network Architect	15-1032.00	Computer Software Engineers, Systems Software
11.10090	Network Engineer	15-1032.00	Computer Software Engineers, Systems Software
11.10100	Network Manager	15-1071.00	Network and Computer Systems Administrators
11.10110	Network Operations Analyst	15-1081.00	Network Systems and Data Communications Analysts
11.10120	Network Security Analyst	15-1071.01	Computer Security Specialists
11.10130	Network Specialist	15-1081.00	Network Systems and Data Communications Analysts
11.10140	Network Technician	15-1041.00	Computer Support Specialists
11.10150	Network Transport Administrator	15-1071.00	Network and Computer Systems Administrators
11.10160	Network PC Support Specialist	15-1041.00	Computer Support Specialists
11.10170	Network Systems Support Lead	15-1051.00	Computer Systems Analysts
11.10180	Systems Administrator	15-1071.00	Network and Computer Systems Administrators
11.10190	Systems Engineer	15-1032.00	Computer Software Engineers, Systems Software
11.10200	Systems Technical Support Specialist	15-1041.00	Computer Support Specialists
11.10210	Systems User Support Specialist	15-1041.00	Computer Support Specialists
11.10220	Telecommunications Network Technician	15-1041.00	Computer Support Specialists
11.20000	Information Support Services		
11.20010	Data Administrator	15-1061.00	Database Administrators
11.20020	Data Analyst	15-1051.00	Computer Systems Analysts
11.20030	Data Architect	15-1051.00	Computer Systems Analysts
11.20040	Data Management Associate	15-1061.00	Database Administrators
11.20050	Data Modeler	15-2031.00	Operations Research Analysts
11.20060	Data Modeling Specialist	15-2031.00	Operations Research Analysts
11.20070	Database Administration Associate	15-1061.00	Database Administrators

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11.20080	Database Administrator	15-1061.00	Database Administrators
11.20090	Database Analyst	15-1051.00	Computer Systems Analysts
11.20100	Database Developer	15-1051.00	Computer Systems Analysts
11.20110	Database Manager	15-1061.00	Database Administrators
11.20120	Database Security Expert	15-1071.01	Computer Security Specialists
11.20130	Database DSS (Decision Support Services)	15-1051.00	Computer Systems Analysts
11.20140	Database Knowledge Architect	15-1051.00	Computer Systems Analysts
11.20150	Senior Database Administrator	15-1061.00	Database Administrators
11.20160	Database Systems Analyst	15-1051.00	Computer Systems Analysts
11.20170	Database Systems Administrator	15-1061.00	Database Administrators
11.20180	Database Analyst	15-1051.00	Computer Systems Analysts
11.20190	Database Tester	15-1051.00	Computer Systems Analysts
11.20200	Desktop Publisher	43-9031.00	Desktop Publishers
11.20210	Documentation Specialist	27-3042.00	Technical Writers
11.20220	Electronic Publications Specialist	43-9031.00	Desktop Publishers
11.20230	Electronic Publisher	43-9031.00	Desktop Publishers
11.20240	Instructional Designer	27-3042.00	Technical Writers
11.20250	Online Publisher	43-9031.00	Desktop Publishers
11.20260	Technical Editor	27-3042.00	Technical Writers
11.20270	Publications Manager	27-3041.00	Editors
11.20280	Technical Writer	27-3042.00	Technical Writers
11.20290	Technical Support Analyst	15-1041.00	Computer Support Specialists
11.20300	Call Center Support Representative	15-1041.00	Computer Support Specialists
11.20310	Technical Support Content Manager	11-3021.00	Computer and Information Systems Managers
11.20320	Customer Liaison	15-1041.00	Computer Support Specialists
11.20330	Customer Service Representative	15-1041.00	Computer Support Specialists
11.20340	Customer Service Professional	15-1041.00	Computer Support Specialists
11.20350	Help Desk Specialist	15-1041.00	Computer Support Specialists
11.20360	Help Desk Technician	15-1041.00	Computer Support Specialists
11.20370	Help Desk Maintenance Technician	15-1041.00	Computer Support Specialists
11.20380	Help Desk PC Support Specialist	15-1041.00	Computer Support Specialists
11.20390	Help Desk PC Systems Coordinator	15-1041.00	Computer Support Specialists
11.20400	Help Desk Product Support Engineer	15-1041.00	Computer Support Specialists

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11.20410	Help Desk Sales Support Technician	15-1041.00	Computer Support Specialists
11.20420	Help Desk Systems Analyst	15-1041.00	Computer Support Specialists
11.20430	Technical Account Manager	15-1041.00	Computer Support Specialists
11.20440	Technical Support Engineer	15-1031.00	Computer Software Engineers, Applications
11.20450	Technical Support Representative	15-1041.00	Computer Support Specialists
11.20460	Technical Testing Engineer	15-1032.00	Computer Software Engineers, Systems Software
11.20470	Application Integrator	15-1081.00	Network Systems and Data Communications Analysts
11.20480	Business Continuity Analyst	15-2031.00	Operations Research Analysts
11.20490	Cross-Enterprise Integrator	15-1081.00	Network Systems and Data Communications Analysts
11.20500	Data Systems Designer	15-1081.00	Network Systems and Data Communications Analysts
11.20510	Data Systems Manager	11-3021.00	Computer and Information Systems Managers
11.20520	Data Warehouse Designer	15-1081.00	Network Systems and Data Communications Analysts
11.20530	E-Business Specialist	11-2021.00	Marketing Managers
11.20540	Electronic Transactions Implementers	15-1099.00	Computer Specialist, All Other
11.20550	Information Systems Architect, Planner	15-1032.00	Computer Software Engineers, Systems Software
11.20560	Systems Analyst	15-1051.00	Computer Systems Analysts
11.20570	Systems Architect	15-1032.00	Computer Software Engineers, Systems Software
11.20580	Systems Integrator	15-1081.00	Network Systems and Data Communications Analysts
11.30000	Interactive Media Pathway		
11.30010	Artist, 2D/3D	27-1014.00	Multi-Media Artists and Animators
11.30020	Animator	27-1014.00	Multi-Media Artists and Animators
11.30030	Audio/Video Engineer	27-4011.00	Audio and Video Equipment Technicians
11.30040	Digital Media Designer	27-1024.00	Graphic Designers
11.30050	Digital Media Specialist	27-1014.00	Multi-Media Artists and Animators
11.30060	Media/Instructional Designer	27-1014.00	Multi-Media Artists and Animators
11.30070	Multimedia Author	27-3042.00	Technical Writers
11.30080	Multimedia Authoring Specialist	27-3042.00	Technical Writers
11.30090	Multimedia Developer	27-1014.00	Multi-Media Artists and Animators
11.30100	Multimedia Specialist	27-1014.00	Multi-Media Artists and Animators
11.30110	Multimedia Producer	27-2012.01	Producers
11.30120	Multimedia Production Assistant	27-2012.01	Producers
11.30130	Streaming Media Specialist	27-1024.00	Graphic Designers

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11.30140	Virtual Reality Specialist	27-1024.00	Graphic Designers
11.30150	Web Designer	27-1014.00	Multi-Media Artists and Animators
11.30160	Web Producer	27-2012.01	Producers
11.30170	Web Administrator	15-1071.00	Network and Computer Systems Administrators
11.30180	Web Architect	15-1031.00	Computer Software Engineers, Applications
11.30190	Web Designer	15-1031.00	Computer Software Engineers, Applications
11.30200	Web Page Developer	15-1031.00	Computer Software Engineers, Applications
11.30210	Web Producer	15-1031.00	Computer Software Engineers, Applications
11.30220	Web Site Developer	15-1031.00	Computer Software Engineers, Applications
11.30230	Web Specialist	15-1031.00	Computer Software Engineers, Applications
11.30240	Webmaster	15-1071.00	Network and Computer Systems Administrators
11.40000	Programming and Software Development Pathway		
11.40010	Applications Analyst	15-1031.00	Computer Software Engineers, Applications
11.40020	Applications Engineer	15-1031.00	Computer Software Engineers, Applications
11.40030	Applications Business Analyst	15-1031.00	Computer Software Engineers, Applications
11.40040	Applications Computer Engineer	15-1031.00	Computer Software Engineers, Applications
11.40050	Applications Data Modeler	15-2031.00	Operations Research Analysts
11.40060	Operating Systems Designer/Engineer	15-1032.00	Computer Software Engineers, Systems Software
11.40070	Operating Systems Programmer/Analyst	15-1081.00	Network Systems and Data Communications Analysts
11.40080	Operating Systems Program Manager	11-3021.00	Computer and Information Systems Managers
11.40090	Operating Systems Programmer	15-1021.00	Computer Programmers
11.40100	Operating Systems Programmer/Analyst	15-1021.00	Computer Programmers
11.40110	Operating Systems Project Lead	15-1071.00	Network and Computer Systems Administrators
11.40120	Software Applications Specialist	15-1031.00	Computer Software Engineers, Applications
11.40130	Software Applications Architect	15-1031.00	Computer Software Engineers, Applications
11.40140	Software Applications Design Engineer	15-1031.00	Computer Software Engineers, Applications
11.40150	Software Applications Development Engineer	15-1031.00	Computer Software Engineers, Applications
11.40160	Software Applications Engineer	15-1031.00	Computer Software Engineers, Applications
11.40170	Software Applications QA Specialist	15-1041.00	Computer Support Specialists
11.40180	Software Applications Tester	15-1041.00	Computer Support Specialists
11.40190	Systems Analyst	15-1051.00	Computer Systems Analysts
11.40200	Systems Administrator	15-1071.00	Network and Computer Systems Administrators

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11.40210	Systems Test Engineer	15-1032.00	Computer Software Engineers, Systems Software
11.40220	Systems Tester	15-1032.00	Computer Software Engineers, Systems Software