



Occupation Skills Transferability Guide

This guide is designed to help job seekers coming from a specific occupation see potentially compatible alternative occupations. This is useful for those looking for a career change, looking for career growth, or those who are struggling to find employment in their previous occupation that want to explore additional options. Occupations listed will require varying levels of additional training, skills, and experience but provides a solid starting point to explore additional options or see what specific training opportunities exist to help make these transitions. This guide is part of our series on skills-based career pathways shifting away from career navigation by industry towards an understanding of how individuals can navigate across multiple industries depending on their individual skill sets and experience.

2023 Edition

Computer and Information Systems Managers

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Overview		Education	
Median Hourly Earnings:	\$69.52/hr	Master's Degree	14.4%
2021 Jobs:	5,926	Post-Baccalaureate Certificate - awarded for completion of an organized program of study; designed for people who have completed a Baccalaureate degree but do not meet the requirements of academic degrees carrying the title of Master.	2.8%
2021-2032 Change:	584	Bachelor's Degree	47.7%
2021-2032 Estimated Annual Openings:	513	Associate's Degree (or other 2-year degree)	2.2%
		Some College Courses	26.0%
		Post-Secondary Certificate - awarded for training completed after high school (for example, in agriculture or natural resources, computer services, personal or culinary services, engineering technologies, healthcare, construction trades, mechanic and repair technologies, or precision production)	5.8%
		High School Diploma - or the equivalent (for example, GED)	1.3%

Compatible Occupations				
O*NET Occupation	Median Hourly Earnings	2021 Jobs	2032 Expected Growth	
Information Security Analysts	\$48.50	3,597	25.0%	
Database Architects	\$42.53	1,628	21.4%	
Web Administrators	\$42.53	1,628	21.4%	
Information Technology Project Managers	\$42.53	1,628	21.4%	
Document Management Specialists	\$42.53	1,628	21.4%	
Computer Systems Engineers/Architects	\$42.53	1,628	21.4%	
Web Developers	\$35.20	2,306	14.2%	
Database Administrators	\$51.46	1,895	8.4%	
Computer Systems Analysts	\$46.56	10,846	5.4%	
First-Line Supervisors of Office and Administrative Support Workers	\$27.42	13,218	4.4%	

Top 10 Competencies		
Knowledge	Skill	Ability
Computers and Electronics	Monitoring	Oral Comprehension
Customer and Personal Service	Critical Thinking	Oral Expression
Mathematics	Reading Comprehension	Written Comprehension
Administration and Management	Active Listening	Written Expression
Personnel and Human Resources	Writing	Inductive Reasoning
Engineering and Technology	Speaking	Information Ordering
Education and Training	Complex Problem Solving	Problem Sensitivity
Clerical	Active Learning	Deductive Reasoning
English Language	Instructing	Near Vision
Design	Systems Evaluation	Fluency of Ideas