

Information Technology | October, 2018

West Central Region

The STEM (Science, Technology, Engineering and Mathematics) Pathway Summary is a summary of real time labor market analysis for the Pathway occupations in the West Central region over the last 6 months for jobs in the Information Technology Cluster.

Occupations in the areas of Science, Technology, Engineering and Mathematics (STEM) are some of the most in-demand and highest paying jobs in Missouri. STEM occupations can be found in a wide range of industries, such as Information Technology and Professional and Business Services.

INFORMATION TECHNOLOGY

There were 40 total job postings in the Information Technology Pathway Occupations in the West Central region during the last 6 months. The top job was Computer Support Specialist with 17 online job postings.

Information Technology

Occupation Title	Online Job Ads	Entry Wage	Average Wage	Experienced Wage
Computer Support Specialist	17	\$24,220	\$37,839	\$49,264
Network and Computer Systems Administrator	8	\$41,217	\$53,064	\$62,079
Computer Programmer	7	\$59,760*	\$80,030*	\$98,770*
Database Administrator	5	\$64,860*	\$87,910*	\$108,390*
Computer Systems Analyst	3	\$65,550*	\$88,110*	\$107,080*

*Regional wage N/A, therefore statewide wage is shown

TOP CERTIFICATES AND EMPLOYERS

The top requested certificate was Security Clearance, followed by CompTIA Security+. Top employers included University of Central Missouri and Air National Guard.

Top Certificates

Certificate	Online Job Ads
Security Clearance	6
CompTIA Security+	5
CompTIA Network+	2
Cisco Certified Network Associate (CCNA)	2
Certified A+ Technician	2

Top Employers

University Of Central Missouri
Air National Guard
Golden Valley Memorial Hospital
US Air Force
AECOM Technology Corporation



TOP SKILLS

Some employers will hire an entry-level technology job applicant if the person has proven skills, such as industry-recognized certifications, but no college degree. CompTIA or Microsoft Technology Associate (MTA) certifications, for example, can be obtained in as a little as 3 months, and may prove valuable when starting an IT career.

The top requested basic skill was Troubleshooting, found in over one-half (58%) of total job postings. The top requested specialized skill was Information Systems, followed by Hardware Troubleshooting, SQL, and spreadsheets.

Top Basic Skills

Skill	Online Job Ads
Troubleshooting	23
Communication Skills	21
Computer Literacy	17
Detail-Oriented	17
Meeting Deadlines	17

Top Specialized Skills

Skill	Online Job Ads
Information Systems	13
Hardware Troubleshooting	12
SQL	12
Spreadsheets	12
Project Management	11



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Sources:

Data for this analysis has been extracted using Burning Glass Technologies Labor/Insight™ tool which collects information from over 35,000 web sources, including job boards, newspapers, and employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks.

Wage data is 2017 OES wages

