

Arts & Communications



NETWORK & COMPUTER SYSTEMS ADMINISTRATOR

Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet system or a segment of a network system. Maintain network hardware and software. Monitor network to ensure network availability to all system users and perform necessary maintenance to support network availability. May supervise other network support and client server specialists and plan, coordinate, and implement network security measures.

Knowledge and Skills Needed for this Career

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a network and computer systems administrator are reinforced by taking rigorous and relevant courses, as well as participating in work-based experiences and student organization activities.

(See the Sample Personal Plan of Study for suggested coursework, activities, and knowledge and skills to pursue in preparation of an occupation in the Arts, A/V Technology & Communications Career Cluster.)

Education Requirements

Occupation	Percent of Missouri employees aged 25 to 44 in the occupation whose highest level of educational attainment is-		
	High School or Less	Some College	Bachelor Degree or More
Network and computer systems administrators	8.3%	41.5%	50.2%
Computer Specialists	6.5%	26.6%	66.9%
Computer and Mathematical	4.5%	19.6%	75.9%

Most Common Educational/Training Level: Bachelor's degree

Apprenticeships are available for more than 240 occupations. Visit www.oe.doleta.gov/bat.cfm

Note: Be sure to learn whether your occupation has a specific requirement for education or licensing.

National and State Wage Information

Location	Pay Period	2008		
		Entry*	Median	Experienced**
United States	Hourly	\$24.85	\$31.88	\$40.44
	Yearly	\$51,700	\$66,300	\$84,100
Missouri	Hourly	\$23.73	\$29.57	\$36.72
	Yearly	\$49,400	\$61,500	\$76,400

Based on (*) lower 25% and (**) upper 25% percentile of wages.

National and State Employment Trends

Network Technicians	Employment		Percent Change	Job Openings*
	2006	2016		
United States	309,200	392,500	+ 27 %	15,390
Missouri	7,860	9,520	+ 21 %	350

*The estimate for Job Openings includes both turnover that results from people who leave the occupation (e.g. quit, retire, death) and new jobs that are created.

Educational Opportunities

Note: This list is not all inclusive.

For more information about schools and programs, visit www.dhe.mo.gov

Avila University

Kansas City, MO
(816) 942-8400
www.Avila.edu

Bryan College

Springfield, MO
(417) 862-5700
www.bryancollege.com

Colorado Technical University

North Kansas City, MO
(816) 472-0275
www.coloradotech.com

Columbia College

Columbia, MO
(573) 875-8700
www.ccis.edu

Crowder College

Neosho, MO
(417) 451-3223
www.crowder.edu

Culver-Stockton College

Canton, MO
(573) 288-6000
www.culver.edu

Davis H Hart Career Center

Mexico, MO
(573) 581-5684
www.mexicoschools.net

DeVry University-Missouri

Kansas City, MO
(816) 941-0430
www.devry.edu

Evangel University

Springfield, MO
(417) 865-2811
www.evangel.edu

(more-over)

Everest College-Springfield Campus
Springfield, MO
(417) 864-7220
www.springfield-college.com

Fontbonne University
Saint Louis, MO
(314) 862-3456
www.fontbonne.edu

Harris-Stowe State University
Saint Louis, MO
(314) 340-3366
www.hssu.edu

Hickey College
Saint Louis, MO
(314) 434-2212
www.hickeycollege.edu

ITT Technical Institute-Arnold
Arnold, MO
(636) 464-6600
www.itt-tech.edu

ITT Technical Institute-Earth City
Earth City, MO
(314) 298-7800
www.itt-tech.edu

ITT Technical Institute-Kansas City
Kansas City, MO
(816) 276-1400
www.itt-tech.edu

Jefferson College
Hillsboro, MO
(636) 797-3000
www.jeffco.edu

Lincoln University
Jefferson City, MO
(573) 681-5000
www.lincolnu.edu

Linn State Technical College
Linn, MO
(573) 897-5000
www.linnstate.edu

**Metropolitan Community College
-Blue River**
Independence, MO
(816) 655-6000
www.mcckc.edu

**Metropolitan Community College
-Maple Woods**
Kansas City, MO
(816) 437-3000
www.mcckc.edu

**Metropolitan Community College
-Penn Valley**
Kansas City, MO
(816) 759-4000
www.mcckc.edu

Mineral Area College
Park Hills, MO
(573) 431-4593
www.mineralarea.edu

Missouri Baptist University
Saint Louis, MO
(314) 434-1115
www.mobap.edu

Missouri College
Saint Louis, MO
(314) 821-7700
www.missouricollege.com

Missouri Southern State University
Joplin, MO
(417) 625-9300
www.mssu.edu

**Missouri State University
-West Plains**
West Plains, MO
(417) 255-7255
www.wp.missouristate.edu

Missouri Tech
Saint Louis, MO
(314) 569-3600
www.motech.edu

Missouri Valley College
Marshal, MO
(660) 831-4000
www.moval.edu

Missouri Western State University
Saint Joseph, MO
(816) 271-4200
www.missouriwestern.edu

Moberly Area Community College
Moberly, MO
(660) 263-4110
www.macc.edu

**National American University
-Brooklyn Center**
Kansas City, MO
(816) 412-5500
www.national.edu

**National American University
-Independence**
Independence, MO
(816) 412-7700
www.national.edu

Northwest Missouri State University
Maryville, MO
(660) 562-1212
www.nwmissouri.edu

Ozarks Technical Community College
Springfield, MO
(417) 447-7500
www.otc.edu



**MISSOURI DEPARTMENT OF
ELEMENTARY AND SECONDARY
EDUCATION**



www.dese.mo.gov

**MISSOURI DEPARTMENT
OF HIGHER EDUCATION**



www.dhe.mo.gov

**MISSOURI DEPARTMENT
OF ECONOMIC DEVELOPMENT**



www.missouricareercenter.com

