

Business, Management & Technology



CAREER CLUSTER
Information Technology

CAREER PATHWAY
Network Systems



COMPUTER SYSTEMS ANALYST

Analyze science, engineering, business, and all other data processing problems for application to electronic data processing systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.

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 computer systems analyst 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 this 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
Computer systems analysts	7.0%	24.6%	68.4%
Computer specialists	6.5%	26.6%	66.9%
Computer & 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	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$27.20	\$35.14	\$44.43
	Yearly	\$56,600	\$73,100	\$92,400
Missouri	Hourly	\$26.25	\$32.21	\$38.73
	Yearly	\$54,600	\$67,000	\$80,600

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

National and State Employment Trends

Computer Systems Analyst	Employment		Percent Change	Job Openings*
	2006	2016		
United States	503,600	649,600	+ 29%	27,950
Missouri	9,900	11,790	+ 19%	300

*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 may not be all inclusive. For more information about Missouri schools and programs, visit www.dhe.mo.gov

Avila University

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

College of the Ozarks

Point Lookout, MO
(417) 334-6411
www.cofu.edu

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

DeVry University

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

Evangel University

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

Everest College - Springfield Campus

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

Fontbonne University

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

Grantham University

Kansas City, MO
(800) 955-2527
www.grantham.edu

Hickey College

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

Lincoln University

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

(more-over)

Lindenwood University

Saint Charles, MO
(636) 949-2000
www.lindenwood.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

Missouri Baptist University

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

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

Marshall, 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 Ctr.

Kansas City, MO
(816) 412-5500
www.national.edu

National American University - Independence

Independence, MO
(816) 412-7700
www.national.edu

National American University - Zona Rosa

Kansas City, MO
(816) 412-5500
www.national.edu

North Central Missouri College

Trenton, MO
(660) 359-3948
www.ncmissouri.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

Park University

Parkville, MO
(816) 741-2000
www.park.edu

Saint Louis Community College - Florissant Valley

Saint Louis, MO
(314) 513-4200
www.stlcc.edu

Saint Louis Community College - Forest Park

Saint Louis, MO
(314) 644-9100
www.stlcc.edu

Saint Louis Community College - Meramec

Kirkwood, MO
(314) 984-7500
www.stlcc.edu

Saint Louis University

Saint Louis, MO
(314) 977-2222
www.imagine.slu.edu

Sanford-Brown College

Saint Peters, MO
(636) 696-2300
www.sbcstpeters.com

Southeast Missouri State University

Cape Girardeau, MO
(573) 651-2000
www.semo.edu

Southwest Baptist University

Bolivar, MO
(800) 526-5859
www.sbniv.edu

University of Central Missouri

Warrensburg, MO
(660) 543-4111
www.ucmo.edu

University of Missouri - Columbia

Columbia, MO
(573) 882-2121
www.missouri.edu

University of Missouri - Kansas City

Kansas City, MO
(816) 235-1000
www.umkc.edu

University of Missouri - Rolla

Rolla, MO
(573) 341-4111
www.UMR.edu

University of Phoenix

Kansas City, MO
Saint Louis, MO
Springfield, MO
(816) 943-9600
www.phoenix.edu

Vatterott College

Joplin, MO
Kansas City, MO
O'Fallon, MO
St. Ann, MO
Saint Joseph, MO
Springfield, MO
Sunset Hills, MO
(417) 781-5633
www.vatterott-college.edu

Waynesville Technical Academy

Waynesville, MO
(573) 774-6106
http://waynesville.k12.mo.us/Schools/WTA

Webster University

St. Louis
(314) 968-6900
www.websteruniv.edu

Westminster College

Fulton, MO
(573) 642-3361
www.westminster-mo.edu

William Woods University

Fulton, MO
(573) 642-2251
www.williamwoods.edu



www.missouriconnections.org

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www.dese.mo.gov

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