



EPIC

●●● READY SET LEARN

**DESIRE.
INSPIRE.
GO HIGHER.**

COMPUTER SYSTEMS ARCHITECTS

Computer network architects design and build data communication networks, including local area networks (LANs), wide area networks (WANs), and intranets. These networks range from small connections between two offices to next-generation networking capabilities such as a cloud infrastructure that serves multiple customers. Also design and develop solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions.

THESE ARE THE THINGS I DO ON A DAILY BASIS:

- Consult with managers to determine the role of IT systems in an organization
- Research emerging technologies to decide if installing them can increase the organization's efficiency and effectiveness
- Prepare an analysis of costs and benefits so that management can decide if IT systems and computing infrastructure upgrades are financially worthwhile

Why this job is a good fit?

- ▶ Working Conditions
- ▶ Achievement
- ▶ Independence

Tools I use

- ▶ Desktop Computers
- ▶ Configuration Management Software
- ▶ Database Management Software
- ▶ Program Testing Software



Resources: This and other Career Data Sheets available on www.epicworkforce.net. Information may vary by job and should be verified before pursuing a position. Other related information is available at onetonline.org, careeronestop.org, jobcenter.usa.gov, and www.bls.gov/ooh/.

DESIRE.

Learn more at:

www.epicworkforce.net/

Why I enjoy my job as a Computer Systems Architects:

- ▶ Job security and great working conditions
- ▶ Supportive management
- ▶ Results oriented and rewarding work

IMPORTANT SKILLS AND ABILITIES FOR THE JOB:

- ▶ Critical Thinking
- ▶ Active Listening
- ▶ Reading Comprehension
- ▶ Judgment and Decision Making
- ▶ Complex Problem-Solving

INSPIRE.

CERTIFICATE

A+ Technician

Computer Support Technician

Computer Technician

Computer Operator

2 YEAR DEGREE

Applications Specialist

Productivity Software
Specialist

4 YEAR DEGREE

Desktop Support Analyst

Computer User Support
Specialist

Information Systems
Manager

MASTER'S DEGREE

Computer Hardware
Engineer

Information Systems
Analyst

GO HIGHER.

CREDENTIALS OFFERED:

Check for credential specifics at your KCTCS Home College!!

CERTIFICATE

CISCO NETWORK ASSOCIATE / MICROSOFT NETWORK ADMINISTRATOR / SECURITY+
NET+ / A+ / PROGRAMMING / COMPUTER TECH BASIC / COMPUTER TECHNICIAN
SUPPORT TECHNICIAN / MOBILE APPS DEVELOPMENT / WEB PROGRAMMING

DEGREES

IT NETWORK ADMINISTRATION / PROGRAMMING / APPLICATIONS

This project has been funded by a grant from the United States Department of Labor.