



USC University of
Southern California

Network Engineer II Job Description

JOB INFORMATION

<i>Job Code:</i>	165592
<i>Job Title:</i>	Network Engineer II
<i>FLSA Status:</i>	Non-Exempt
<i>Supervisory:</i>	May oversee student, temporary and/or resource workers.
<i>Job Family:</i>	Network Engineering
<i>Job Family Group:</i>	Information Technology
<i>Management Level:</i>	7 Individual Contributor

JOB SUMMARY

Ensures the stability and integrity of in-house voice, data, video and wireless network services. Assists with consulting and analysis of end user needs to determine appropriate network hardware and software. Installs, monitors, maintains, supports and optimizes moderate to complex network hardware, software, systems, and communication links for university, under general supervision. Implements and maintains bridges, routers, gateways, remote access servers, domain service, security firewalls, application and device servers and Internet or Intranet devices and connections. Analyzes and resolves moderate to complex network hardware and software problems. May assist with training for less experienced network engineers, as assigned.

JOB QUALIFICATIONS:

Education

<i>Req</i>	<i>Pref</i>	<i>Degree</i>	<i>Field of Study</i>
X		Specialized/technical training	
X		Related undergraduate study	
	X	Bachelor's degree	

Additional Education

Check here if experience may substitute for some of the above education.

X Combined experience/education as substitute for minimum education

Work Experience

<i>Req</i>	<i>Pref</i>	<i>Work Experience</i>	<i>Experience Level</i>
X		2 years	
	X	3 years	

Additional Work Experience

Check here if education may substitute for some of the above work experience.

Combined experience/education as substitute for minimum work experience

Knowledge, Skills and Abilities

Req	Pref	Functional Skills
X		General knowledge and direct experience in the area of local and wide area networking, communications, and related hardware and software.
X		Understanding of information technology concepts for voice and data systems.
X		Strong analytical abilities.

Certifications

Req	Pref	Select Certifications	Enter Additional Certifications
	X		Current network or server certificate.

Other Job Factors

JOB ACCOUNTABILITIES

	% Time	Essential	Marginal	N/A
Installs, monitors, maintains, supports and optimizes moderate to complex network hardware, software, systems, and communication links for university, under general supervision.				
Assists with consulting and analysis of end user needs to determine appropriate network hardware and software. Makes recommendations to more senior network engineers.				
Monitors and analyzes network performance, implements performance tuning, and troubleshoots a variety of moderate to complex network problems areas as needed. Analyzes and resolves hardware and software problems. Provides network performance statistics and reports.				
Implements and maintains bridges, routers, gateways, remote access servers, domain service, security firewalls, application and device servers and Internet or Intranet devices and connections.				
Designs and deploys local area networks (LANs), wide area networks (WANs) and wireless networks, including servers, routers, hubs, switches, UPSs, and other hardware, under general supervision. Assists with the identifying, assessment and development of detailed requirements for new and existing campus networks.				
Liaises with vendors to resolve moderate to complex network related problems and implements solutions.				
Creates and maintains documentation as it relates to network configuration, network mapping, processes, and service records. Recommends, maintains, and implements policies, procedures, and associated training plans for network administration, usage, and disaster recovery.				
Assists in analyzing, evaluating, and recommending new hardware, software, and communications products for network compatibility and applicability. Tests new third party hardware/software.				
Stays informed of new developments and technologies.				

Other Requirements

Essential:	Emergency Response/Recovery	Essential:	Mandated Reporter
	In the event of an emergency, the employee holding this position is required to "report to duty" in accordance with the university's Emergency Operations Plan and/or the employee's department's emergency response and/or recovery plans. Familiarity with those plans and regular training to implement those plans is required. During or immediately following an emergency, the employee will be notified to assist in the emergency response efforts, and mobilize other staff members if needed.		A mandated reporter who in his or her professional capacity has knowledge of, or reasonably suspects a person who is under the age of 18 years, elderly, or a dependent adult has been the victim of abuse or neglect must report the suspected incident. The reporter must contact a designated agency immediately or as soon as practically possible by telephone or in writing within 36 hours. By virtue of the associated job duties, this position qualifies as a mandated reporter as required by state law and USC's policy at: https://policy.usc.edu/mandated-reporters/

<i>Campus Security Authority (CSA)</i>	<i>Essential:</i>
By virtue of the associated job duties, this position qualifies as a Campus Security Authority as required by law and USC's policy at: https://dps.usc.edu/alerts/clery/	No

ACKNOWLEDGMENTS

The above statements reflect the essential and non-essential functions as necessary to describe the principle contents of the job. They are not intended to be a complete statement of all work requirements or duties that may be required of the position. I understand that I may be asked to perform other duties as assigned. USC reserves the right to add or change duties at any time.

The University of Southern California is an Equal Opportunity Employer. USC prohibits discrimination on any basis protected under federal, state, or local law, regulation, or ordinance or university policies. All employment decisions are based on individual qualifications and business need.

I acknowledge receipt of this job description and its associated physical requirements. I have read and understand the job description and job requirements and agree to abide by their contents. I realize that duties may be requested of me that are not specifically stated herein. I understand that I will be expected to adjust to potential fluctuations in work volume. I understand that, if I have any questions about the essential functions or expectations of my position, my supervisor and/or HR partner are available to discuss them with me.

Print Employee Name

Signature

Date

Print Manager Name

Signature

Date

This job description describes the general nature and level of work required by the position. It is not intended to be an all-inclusive list of qualifications, skills, duties, responsibilities or working conditions of the job. The job description is subject to change with or without notice, and Management reserves the right to add, modify or remove any qualification or duty. Nothing in this job description changes the existing at-will employment relationship between the university and the employee occupying the position.