

The University of Akron  
**Classification Specification**

<b>Job Title:</b>	Network Engineer	<b>Job Code:</b>	T43562
<b>Job Function:</b>	Staff	<b>Grade:</b>	219
<b>Job Family:</b>	Classified	<b>FLSA:</b>	Exempt
<b>SOC Description:</b>	3000 Information Technology Division	<b>Date:</b>	11/17;1/04;7/00

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**Job Summary:**

Maintain the campus network backbone to provide computing connectivity for the entire campus data network. Provide network support to the University's faculty, staff and students. Resolve complex computer network problems. Installs and maintains all computer network connections and hardware. Meet with vendors to select appropriate network equipment. Assist with design and implementation of campus data network and supporting technologies.

**Essential Functions:**

30% Install, monitor and maintain network hardware including Ethernet switches, routers, wireless access points, and supporting hardware and technology. Maintain network connectivity for the campus wired and wireless network. Maintain Internet and Internet II connectivity.

25% Resolve network problems by performing complex troubleshooting techniques.

15% Monitor network performance through the installation and use of common network management software.

15% Create and maintain network documentation pertaining to the data network including IP assignments, network topology, network administrative procedures and subnet assignments.

15% Install, maintain and test Ethernet and wireless connections for access to the campus data network.

**Education:**

Requires 18 months of education or training beyond high school.

**Licenses/Certifications/Requirements:**

None.

**Experience:**

Requires a minimum of 1 year experience in a computer networking and network design environment. Knowledge of routers, switches, wireless access points and network monitor software required. Familiarity with protocols including TCP/IP, OSPF, and spanning tree preferred.

**Leadership:**

Responsible for directing and monitoring the work of student and/or temporary workers.

**Physical Requirements:**

Light physical effort required involving stooping and bending; individual has limited discretion about walking, standing, etc.; occasionally lifting of lightweight objects (up to 25 lbs.).

**Working Conditions:**

Standard working environment with possible minor inconveniences due to occasional noise, crowded working conditions and/or minor heating/cooling or ventilation problems. Near continuous use (>70% of the time) of a video display terminal.

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The intent of this classification specification is to provide a representative summary of the types of duties and responsibilities that will be required of positions given this title and shall not be construed as a declaration of the specific duties and responsibilities of any particular position. Employees may be requested to perform job-related tasks other than those specifically presented in this description. The University requires that all University employees whose assigned duties include some involvement with The University of Akron's intercollegiate athletics program, comply with all relevant NCAA Bylaws in performing their work.