

## **Wireless Engineer**

### **Job description:**

A successful candidate will be responsible for the health and maintenance of a large enterprise 802.11 Wireless networking infrastructure. This includes providing network administration and operational support for thousands of Access Points. The engineer should be able to work both independently and as part of a team.

This is a full-time position reporting to the manager of the Network and Communication Services unit. The engineer is expected to partner with the information security personnel (CISO) to assess potential exposure to vulnerabilities, identify mitigation plans, and ensure compliance with enterprise security baselines and standards.

Founded in 1868, Hampton University ([www.hamptonu.edu](http://www.hamptonu.edu)) is located on approximately 300 acres of the Virginia Peninsula. It is a privately endowed, co-educational, nonsectarian institution of higher education and is fully accredited by the Southern Association of Colleges and Schools (SACS). Hampton University, an Historically Black College and University (HBCU), is enjoying tremendous growth and development from a traditionally teaching to a more research-intensive institution. Hampton University is currently a Masters-level institution of higher learning with a primarily undergraduate student population of approximately 4,600 students pursuing degrees in diverse areas of study.

### **Job Duties:**

- Perform and review wireless RF coverage for optimization.
- Deploys and maintain network hardware, peripherals, services, and settings in accordance with industry standards and project/operational requirements.
- Performs daily system monitoring; verifies the integrity and availability of networking hardware, services, systems, and key processes; reviews system and application logs.
- Documents and performs network upgrades and modifications.
- Develops and maintains installation and configuration procedures.
- Creates reports and analyze performance metrics • Adhere to change management processes and procedures.

### **Qualifications**

- Bachelor's degree in related field.
- 3 – 5 years of relevant work experience will be considered in lieu of degree.
- Extensive experience managing and monitoring the health of Aruba Controllers, Access Points and Management Devices to include Airwave Management Platform (AMP)
- Experience deploying, managing, and troubleshooting network systems, switching, and routing protocol standards such as: TCP/IP, MPLS, OSPF, BGP, SDN, and 802.1x. • Experience managing and troubleshooting DNS, DHCP, IPAM, and NTP
- Experience using network management and analysis tools such as SNMP probes, network taps, and traffic analyzers.
- One or more of the following active network certifications is preferred:
  - Certified Wireless Network Administrator (CWNA)
  - Certified Wireless Network Professional (CWNP)
  - Aruba Certified Mobility Associate (ACMA)
  - Aruba Certified Mobility Professional (ACMP)

- Cisco Certified Network Administrator (CCNA)
- Cisco Certified Network Professional (CCNP)

**How to Apply:**

Please submit a cover letter, resume, and a completed Application for Educational Support Staff Employment either in person, via email at [HROffice@hamptonu.edu](mailto:HROffice@hamptonu.edu) or fax to (757) 727.5969.

Office of Human Resources  
Hampton University  
Hampton, VA 23668

*\*\*No phone calls*

*\*\*Incomplete applications will not be considered*

**Forms:**

Visit [Human Resources – Hampton University Human Resources](#) to retrieve the educational support staff employment application and other supplemental application materials.