



JOB POSTING

Date: July 15, 2022
Competition: #22-59A

APPLICATIONS ARE INVITED FOR THE FOLLOWING FULL-TIME REGULAR POSITION

Position: Network & Security Engineer
Division: Technology Services
Location: New Westminster Campus
Reporting To: Senior Manager, Information Technology

Justice Institute of British Columbia:

Justice Institute of British Columbia (JIBC) is Canada's leading public safety educator with a mission to develop dynamic justice and public safety professionals through its exceptional applied education, training and research. JIBC offers internationally recognized education that leads to certificates, diplomas, bachelor's degrees and graduate certificates; exceptional continuing education for work and career-related learning and development; and customized contract training to government agencies and private organizations worldwide. Each year, over 36,000 students study at one of JIBC's six campuses in B.C., through online education, and at locations in more than 150 BC communities, as well as sites across Canada and around the world. Our education contributes to safer communities and a more just society by providing professionals with the knowledge, skills and abilities to excel at every stage of their careers and make a difference every day.

Summary:

The Network & Security Engineer is responsible for maintaining and enhancing the voice, data, video and wireless network and computer security infrastructure at JIBC. This can consist of firewalls, switches, network controllers, security devices and the processes and procedures related to maintaining an efficient and secure computer network.

Primary Responsibilities:

- Manage the life cycle of the network infrastructure including: installations, operations, support, service and retirements of all corporate LAN/WAN voice and data infrastructure; including, but not limited to: routers, switches, firewalls and security systems;
- Responsible for the management, tracking, reporting and utilization of network resources and assets, and initiates proactive action to ensure the ongoing performance of the LAN/WAN;
- Troubleshoot network performance issues and analyze network traffic to provide capacity planning solutions;
- Provide technical expertise and guidance to other functional groups by evaluating network requirements, analyzing options and benefits and making recommendations;
- Setup and provide support for VPN and SSL communications;
- Monitor internal controls and procedures to protect the organizations information technology assets;
- Implement audit recommendations into security practices;
- Promote a high awareness of security concepts and methodologies to Tech Services group and Institute;
- Participate with Technology Services management in the development of security policies and procedures;
- Maintain a comprehensive library of all network diagrams and supporting documentation;

- Project Manager for network and security projects;
- Applies change management disciplines when making changes to network infrastructure and security systems;
- Participate as a member of the Technology Services Team on projects and day to day activities, as required.
- Other related duties, as assigned.

Qualifications & Requirements:

- A degree or diploma in Computer Science, Electrical Engineering or related discipline with a minimum of five years' experience in designing, implementing and maintaining TCP/IP networks; or an acceptable equivalent combination of education, training and experience;
- Certification or demonstrated knowledge of VLAN's, QOS, IPSEC, SSL VPN's, WiFi and IDS;
- Demonstrated experience in programming Cisco switches, routers, Aruba controllers, and firewalls;
- A thorough knowledge of MS Windows DNS, DHCP, and Active Directory preferred;
- Must be able to assess the business needs of the organization and understand the impact of network changes in a complex integrated system environment;
- Must be a self-directed team player with strong analytical report writing skills;
- Excellent interpersonal and organizational skills are required.

Additional Information:

Some flexibility to work evening and weekends on or off site, as required.

We offer a total compensation package that includes Extended Health and Dental Benefits, and enrollment in the Municipal Pension Plan after six months. In addition, we offer 15 vacation days annually (pro-rated in first year), as well as generous other leave entitlements.

Salary Range: \$66,749 to \$76,241 annually (BCGEU Salary Grid 25) based on a 35 hour work week

Posting Date: July 15, 2022

Closing Date: August 5, 2022

Please submit a resume/CV, cover letter and copies of academic credentials, quoting Competition #22-59A, via email to hr@jibc.ca.

Please feel free to contact Jordan Osiowy (josiowy@jibc.ca) for more information about this position.

Justice Institute of British Columbia is an equal opportunity employer and is interested in broadening the diversity of its staff. We encourage applications from visible minorities, Indigenous people, and persons with disabilities.

