



## **NETWORK ENGINEER**

### **Position Description**

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<b>POSITION:</b>	Network Engineer
<b>DEPARTMENT:</b>	Corporate
<b>RESPONSIBLE TO:</b>	Principal
<b>REPORTS TO:</b>	Director of ICT

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### **POSITION OVERVIEW**

The ICT Network Engineer is a key member of the College's ICT Team. As the ICT Network Engineer, you will be responsible for managing, troubleshooting, securing, optimising and documenting our networking infrastructure. In addition to designing, implementing and managing upgrades or expansion of the network as determined by the ICT strategic direction of the College.

The Network Engineer role will be jointly responsible for the support and development of the Sheldon College Network and Unified Communications environment. The role will proactively maintain systems to maximise service availability and will collaborate closely with the greater ICT team to deliver reliable networking services. Critical to this role will be your flexible approach and your ability to work in both production support and project environments.

### **THE NETWORK ENGINEER SHOULD HAVE EXPERIENCE WITH:**

- Managing the on-site analysis, diagnosis, and resolution of complex network problems for a variety of end users, and recommend and implement corrective solutions
- Server Operating Systems (Microsoft & Linux)
- Virtualised / Sandbox environments
- Integration, support and management of externally and internally hosted websites.
- Planning, implementation and review network equipment acquisitions and enhancements including network firewalls, routers, switches, WAPs, power protection systems and security appliances.
- Unified Communications implementation and support
- Building security, public announcement, emergency notifications and CCTV systems
- Overseeing the installation and maintenance of critical cabling infrastructure including telephony, ethernet and fibre systems.
- Developing, implementing and maintaining policies, procedures for network administration, usage and disaster recovery.
- Implementing and managing enterprise Wireless Networking solutions
- Authoring documentation, such as environment diagrams, installation/configuration documents, and procedures
- Providing high level support to maintain network and server systems.
- Participating in systems metrics reporting (system performance, resource utilisation, capacity planning and review on a proactive basis).
- Monitoring systems capacity (performance & resource utilisation) in order to take appropriate action to prevent unscheduled outages due to capacity constraints.
- Providing fall back support for Systems Administrator tasks (Active Directory, Group Policy, Hyperconverged Environments)
- Working within a team and assisting across all areas when necessary.
- Ensuring that safe procedures are followed in accordance with Occupational Health & Safety Policies.



## **Selection Criteria: Network Engineer**

### **SC1 Qualifications**

- Possess relevant university and industry qualifications related to Computer and Network Engineering and/or relevant industry experience or accreditations.
- ITIL Certification/Understanding
- CCNA/CCNP or equivalent qualifications/accreditations (Routing and Switching)

### **SC2 Network Operations**

- Routing and Switching: In-depth knowledge of networking protocols and experience with (Multicast, VLAG, ACLs)
- SSL/TLS (Security Awareness)
- Unified Communications
- Monitor systems (performance & resource utilisation), and provide reports in order to take appropriate action to prevent unscheduled outages and plan for future improvements.
- Develop, implement and maintain best practice change management strategies.

### **SC3 Technical Knowledge**

- Demonstrated knowledge of both current and emerging technologies, standards and services relevant to the area of specialisation.
- Ability to supply technical knowledge and experience to a range of circumstances requiring considerable interpretation.
- Well-developed capacity for critical, conceptual and reflective thinking, and multi-faceted problem-solving skills.

### **SC4 Communication Skills**

- Excellent oral, written and listening communication skills.
- Ability to prepare and present reports on prospects and/or technology options and advise the senior leadership team accordingly.
- Develop and maintain effective communications at all levels of the organisation and with external suppliers.
- Ability to deal with sensitive issues and information in a confidential manner.

### **SC5 Interpersonal and Team Skills**

- Demonstrated ability to build and sustain positive relationships with team members, stakeholders, clients and external vendors to achieve common goals.
- Ability to work as part of a multi-disciplinary team to assist with the ICT operations required by the organisation.



## Conditions of Employment:

This position is subject to the provisions of the Sheldon College Corporate Staff Certified Agreement 2015.

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|------------------------------|---|--|
| <b>Salary</b>                | - | The salary offered will be commensurate with the qualifications and experience of the successful applicant.                        |
| <b>Superannuation</b>        | - | Statutory Superannuation of 9.5% will apply  |
| <b>Sick Leave</b>            | - | 10 days per year   |
| <b>Annual Leave</b>          | - | 4 weeks per year + 17.5% loading   |
| <b>Long Service Leave</b>    | - | 1.3 weeks per year of completed service from the date of engagement.   |
| <b>Corporate Uniform</b>     | - | All employees are required to wear Corporate Uniform which is available from the Sheldon College Uniform Shop at your own expense. |
| <b>Performance Review</b>    | - | A performance review will be conducted annually  |
| <b>Working with Children</b> | - | The issue of a positive notice from the Commission for Children and Young People (Blue Card)                                       |