



Person Specification

This form lists the essential and desirable requirements needed in order to do the job.

Applicants will be shortlisted **solely** on the extent to which they meet these requirements.

Job title: Network Specialist

Department/Division: DTS

Accountable to: Network Manager

Competency	Criteria	E/D
Knowledge and Experience	Experience of running an enterprise class network service.	E
	Experience of designing new or substantially upgrading network topologies and services.	E
	Cisco networking (CCNP) or similar qualifications.	D
	Evidence of ability to quickly acquire knowledge of new technologies, systems and services.	E
	Experience of managing relationships with services providers.	D
	Experience of installation, configuration, management and administration of network infrastructure: e.g. switches and routers; Firewalls wireless infrastructure and IP Telephony.	E
	Experience of managing Linux servers and deployment of open source tools.	D
	Experience of configuration, management and administration of network services: e.g. DHCP, DNS, IP address allocation planning, VPN, RADIUS/TACACS+, Syslog, NTP.	E
	Experience with writing programs in scripting languages such as Python and Bash.	D
	Experience of configuration, management and administration of network management systems.	E
	Knowledge of protocols in the Internet Protocol Suite: e.g. TCP; UDP; ICMP Knowledge of routing protocols.	E
	Knowledge of IPv6 and multicast routing and streaming: e.g. PIM, IGMP, MSDP.	D



	<p>Knowledge of link layer technologies and protocols: e.g. Ethernet; speed/duplex negotiation; PoE; spanning tree; LACP.</p> <p>Knowledge of the technologies to facilitate transport of converged voice, video and data communications services over a common infrastructure.</p> <p>Knowledge of techniques and technologies for network management and troubleshooting.</p> <p>Knowledge of installation, testing and troubleshooting standards and practice for copper and optical fibre communications cabling.</p> <p>Knowledge and awareness of current malware issues and techniques for protecting networks against such threats.</p> <p>Good general IT skills, including experience of Microsoft Windows, Microsoft Office software suite including Visio.</p> <p>Knowledge of best-practice service management and project management.</p> <p>Experience of writing technical operational documentation.</p>	<p>E</p> <p>D</p> <p>E</p> <p>E</p> <p>D</p> <p>E</p> <p>E</p> <p>E</p>
Communication	<p>Good interpersonal and communications skills which create a draw for the services of the team.</p> <p>Ability to communicate complex ideas and technical issues to a range of different non-technical audiences.</p> <p>Experience of communicating with internal colleagues, 3rd party suppliers and external bodies.</p>	<p>D</p> <p>E</p> <p>D</p>
Teamwork and motivation	<p>Role model enthusiasm and energy about their work and encourage others to do the same.</p> <p>Experience of a positive approach to working within a team and developing and mentoring team members.</p>	<p>E</p> <p>D</p>
Planning and organising	<p>Experience of participating in annual operational planning.</p> <p>Ability to provide resource plans and ensure work is adequately planned.</p> <p>Ability to independently manage maintenance projects through creating appropriate project plans and regularly updating documentation and team members.</p>	<p>D</p> <p>E</p> <p>E</p>
Liaison and Networking	<p>Able to build connections and engagement with key colleagues across the school.</p> <p>Experience of seeking engagement with colleagues across the</p>	<p>E</p> <p>D</p>



	<p>school to understand drivers, issues and pain points.</p> <p>Able to be a provide consultancy as a subject matter expert for business change or Capital Development projects managed by Business Units or the Business Improvement Unit.</p>	E
Leadership	<p>Ability to contribute to strategic planning and architectural standards for network services.</p>	D
	<p>Ability to provide technical leadership within the team as a mentor and consultant.</p>	E
Initiative and Problem Solving	<p>Experienced in identifying and resolving thematic issues and proactively using data for insight and metrics to continually improve the service.</p>	D
	<p>Experience in identifying and managing major incidents affecting critical services.</p>	E
	<p>Ability to operate independently and resolve unexpected situations.</p>	E
	<p>Ability to identify where improvements to process can be made Seeks understand where process is mandatory and where opportunities to vary exist.</p>	E
	<p>Good attention to detail.</p>	E

E – Essential: requirements without which the job could not be done.

D – Desirable: requirements that would enable the candidate to perform the job well.