COMPUTER NETWORK SYSTEM ENGINEERING

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Associate in Science (AS Degree)	**29.5-35.5 Units (Systems Engineering)**
Certificate of Achievement	32-33.5 Units (CNSE Advanced Network Specialist)
Certificate of Achievement	16-20 Units (Windows Engineering)
Proficiency Award	13.5-16 Units (Microsoft, Cisco or CompTIA)
Proficiency Award	8.0 Units (Cisco)
Proficiency Award	14.5 Units (Windows Administration)

Provides a technical understanding of Computer Networking Systems so the student will understand how these systems work. They will be able to analyze, design and implement systems and troubleshoot and solve system problems. Moorpark College continually updates, revises and develops its CNSE curriculum.

JOB TITLES	AVERAGE SALARY	PROJECTED JOBS	PROJECTED GROWTH
Network System Engineer	**$39.59/hr.-$82,340**	**40,200**	**+3-7%**

Responsible for server administration, network administration, backups, updates, print management, Active Directory management, Microsoft Operations Manager, cloud services administration and helpdesk support. Also responsible for rolling out hardware and software to ensure optimal deployment of resources. Plan, implement and support the network and computing infrastructure, in addition to managing small to large projects, meeting budgets and schedules.

Server Administrator	**$34.88/hr.-$72,560**	**366,400**	**+12%**

Operates and maintains existing IT (information technology) asset monitoring systems and their components. Utilizes monitoring systems to monitor complex heterogeneous IT assets including servers, network, appliance, operating systems, software, middleware, WEB, and other IT services as required. Executes operational and support tasks, completes associated ticket and status reporting. Assists with compliance audits as required.

Computer Support Specialist	**$23.51/hr.-$48,900**	**722,400**	**+17%**

Provides help and advice to individuals and organizations resolving basic technical problems by providing scripted guidance regarding software and hardware problems. Resolves and/or refers more complex technical problems through a defined escalation process. Some are called Help Desk Technicians, where they support basic customer inquiries using problem management database and maintaining history records and related problem documentation.