Professional Technical Studies
PATHWAY: Network Systems
CLUSTER: Information Technology

Identifying Customer Network Systems Requirements
- Identifies system requirements for various types of network installations
- Identifies functional requirements for hardware, networking, and software systems

Project Management
- Demonstrates knowledge of key functions and subsystems of network systems
- Prepares overall plan for integrating new processes, protocols, and equipment

Quality Assurance Processes
- Evaluates whether process was applied efficiently and responsibly

Networking Concepts Processes
- Demonstrates knowledge of characteristics and uses of network components
- Identifies how components of a network operating system support network operations

Network Installation & Configuration
- Installs appropriate operating system and telecommunications hardware and software

Network Administration & Monitoring
- Identifies methods for avoiding common computer system disasters

Network Maintenance and User Support
- Identifies maintenance procedures and processes
- Isolates system faults in various types of networks, cables, data modems, and carrier systems

Safety
- Develops and implements a safety checklist