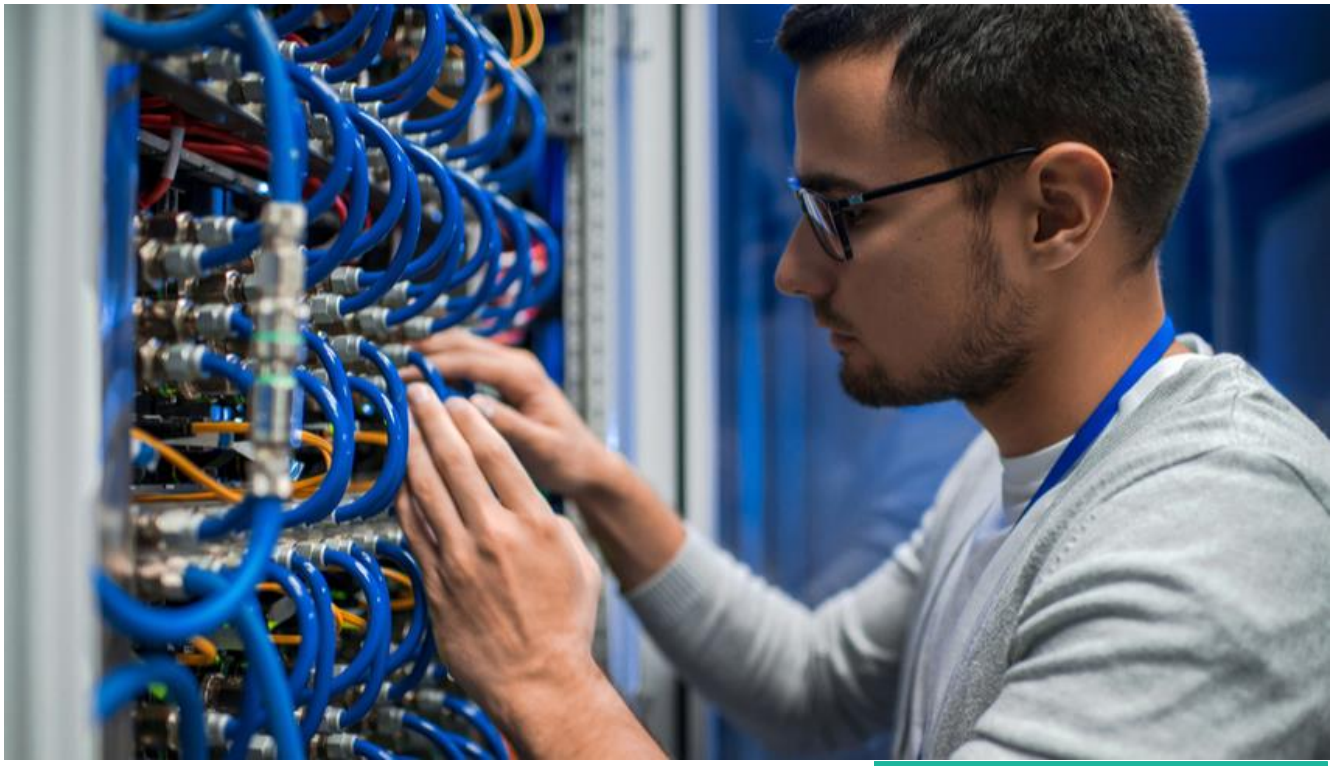
50 Weeks/1250 Hours
Course details

COMPUTEK COLLEGE
EST. 1991

ENTERPRISE NETWORK ENGINEERING

STUDENT SUPPORT COMMUNITY



Employment opportunities and salary

TECHNOLOGY
FACULTY

- ✓ Network Administrator
- ✓ Technical Support
- ✓ Help Desk Technician
- ✓ Network Technician
- ✓ Network Operator
- ✓ Network Support Technician

C$30,40/ hour
Avg. Base Hourly Rate (CAD)

C$71,112year
Avg. Base Salary (CAD)

Source: jobbank.gc.ca
And payscale.com

NOC codes:

•Computer Network Technician: 2281
•Support Technician: 2282

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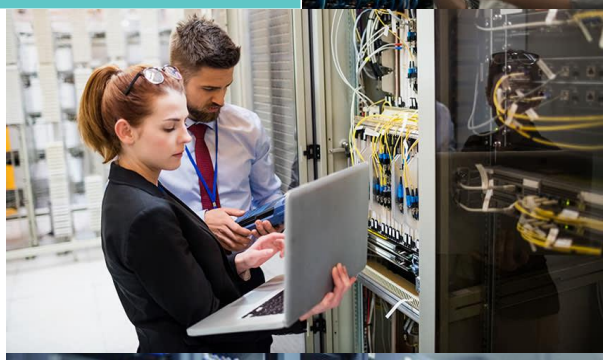
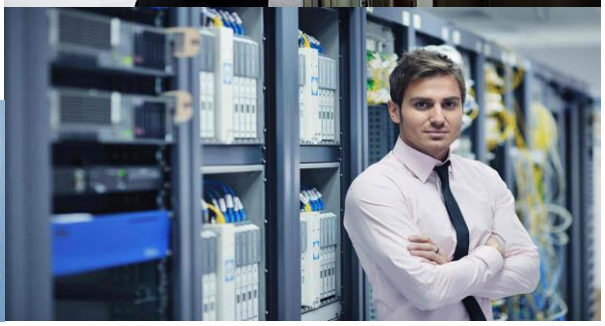
ENTERPRISE NETWORK ENGINEERING

Program Summary

The Enterprise Network Engineering Diploma program is designed to create an efficient and expandable installation, network maintenance and management as well as implementation, and operating computer services are rapidly growing areas in the information technology industry. The Network Engineering Diploma program will help students develop the network administration and computer support skills required to meet employer's needs in these areas.





Learning Focus

- Installing & Configuring Windows Server
- Administering Windows Server
- Configuring Advanced Windows Server Services
- Implementing an Advanced Server infrastructure
- Red Hat Linux Essentials
- Computer Hardware & Operating System Essentials
- Designing & Implementing a Server Infrastructure
- IT Security, safety and environmental issues
- Installing & Configuring Windows Server- completion
- Interconnecting Cisco Networking Devices Part 1 & 2

EduCanada

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What do enterprise network engineer do?

An enterprise network engineer manage LAN projects encompassing planning; ordering parts; mounting; cabling; configuring equipment and manage LAN and NT domain installation/configuration and support. The Enterprise Network Engineer will be responsible for full lifecycle management of network and CND solutions and enterprise security posturing for the BGP routing protocols, network security.

ENTERPRISE NETWORK ENGINEERING

	Hours
Installing & Configuring Windows Server Through this module you will gain the skills and knowledge needed to implement a core Windows Server. You will learn how to implement and configure the core services and networking services.	125
Administering Windows Server This course provides hands-on instruction and practice administering Windows Server. This course focuses on the administration tasks necessary to maintain a Windows Server infrastructure such as configuring and troubleshooting name resolution, user and group management.	125
Configuring Advanced Windows Server Services Through this course you will gain the skills and knowledge necessary to implement a core Windows Server, including Windows Server R2 infrastructure in an existing enterprise environment. You will learn the advanced configuration and services tasks needed to implement, manage, and maintain a Windows Server infrastructure. You will cover advanced networking services, Active Directory Domain Services (AD DS), identity management, rights management, Federated services, network load balancing, failover clustering, business continuity, and disaster recovery.	125
Implementing an Advanced Server Structure In this course, you will learn how to plan, design, and deploy physical and logical Windows Server enterprise environments. You will acquire the knowledge and skills to plan and implement a highly available, secure infrastructure with focus on Active Directory Federation Service (AD FS), public key infrastructure (PKI), and Active Directory Rights Management Services (AD RMS).You will also learn how to plan and deploy virtual machines including self-service and automation of virtual machine deployments as well as planning and implementing a monitoring strategy that includes Microsoft System Center Operations Manager.	95
Red Hat Linux Essentials A Red Hat Enterprise Linux power user familiar with common command line processes who can perform some system administration tasks using graphical tools. The individual will also be ready to develop a deeper understanding of Red Hat Enterprise Linux system administration.	35
Computer Hardware & Operating System Essentials This module builds a foundation for students to understand family characteristics in terms of structure, functions and roles. The influence of cultural values, practices, religious beliefs on family relationships will be emphasized as central to the PSWs ability to provide effective support. he stages of growth and development throughout the life cycle are also discussed.	95
Interconnecting Cisco Networking Devices Part 1 & 2 This course teaches learners how to install, operate, configure, and verify a basic IPv4 and IPv6 network, including configuring a LAN switch, configuring an IP router, connecting to a WAN, and identifying basic security threats. It helps you prepare for associate-level routing and switching network engineering roles. Further, this module provides an understanding of Quality-of-Service (QoS) elements and their applicability and of how virtualized and cloud services will interact with and impact enterprise networks, along with an overview of network programmability and the related controller types and tools that are available to support Software-Defined Network (SDN) architectures.	120

ENTERPRISE NETWORK ENGINEER

	Hours
Designing & Implementing a Server Infrastructure The two courses collectively cover designing, planning, deploying, securing, monitoring, automating, and virtualizing an enterprise server infrastructure. This Server Infrastructure course covers the knowledge and skills needed to provide an enterprise solution that supports manual and automated server installations in a physical and virtual environment including the supporting file and storage services. You will also learn the skills necessary to provide enterprise networking solutions	125
IT Security, safety and environmental issues The Cyber Security program will deepen your understanding of cyber security topics, strengthen your skills as an IT manager or project lead.	30
Implementing Cisco IP Routing & Switching - CCNP Cisco Certified Network Professional (CCNP) Routing and Switching teaches the ability to plan, implement, verify and troubleshoot local and wide-area enterprise networks and work collaboratively with specialists on advanced security, voice, wireless and video solutions.	100
Troubleshooting and Maintaining Cis co IP Network This module designed to teach you how to plan and perform regular maintenance on complex enterprise routed and switched networks. You first learn how to use technology-based practices and a systematic approach to perform network troubleshooting. Then you learn to use both basic Cisco IOS® troubleshooting tools and other specialized tools, such as Syslog, NetFlow, and Cisco IOS Embedded Event Manager (EEM) to assist in troubleshooting efforts.	100
Linux II This module introduces the student to Linux II which focuses on the basic Linux system administration skills needed in preparation for the Linux Professional Institute LPIC-1 or CompTIA Linux+. You will gain proficiency performing maintenance tasks on the command line, installing and configuring a computer running Linux and configuring basic networking.	75

Contact us
https://computek.edu/
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