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CSTP 2202: Network Server Administration

EFFECTIVE DATE

September 2019

DEPARTMENT

Computer Systems Tech Diploma

DESCRIPTION

In this course students will study advanced network administration skills by managing network servers and services. Students will study how to oversee a complex network environment and learn how to configure numerous network services with a variety of administrative tools. Students will use the Microsoft Official Academic Course (MOAC) curriculum and training materials. On completion of this course, students will have covered the learning objectives required in the Microsoft 70-411 certification exam. The Computer Systems Technology program does not provide exams for Microsoft certification but mock exams are provided for midterm and final exams of the course.

CREDITS

3.0

YEAR OF STUDY

2nd Year Post-secondary

PREREQUISITES

CSTP 1203 Introduction to Server Administration

COREQUISITES

None

COURSE LEARNING OUTCOMES

Upon successful completion of this course, students will be able to:

- Deploy servers
- Maintain servers
- Manage File Services
- Manage data encryption
- Manage network services
- Manage remote access

- Configure a Network Policy Server (NPS) Infrastructure
- Configure Active Directory
- Manage Active Directory
- Manage Active Directory control policies

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 30

Lab: 30

INSTRUCTIONAL STRATEGIES

Instructional strategies include classroom lectures, demonstrations, group discussions, computer lab and hands-on practical work.

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

C

EVALUATION PLAN

Type	Percentage	Assessment activity
Lab Work	20	
Assignments	25	
Midterm Exam	25	Similar to 70-411 certification exam
Final Exam	30	Similar to 70-411 certification exam

COURSE TOPICS

- Servers deployment and maintenance
- File Services management.
- Data encryption
- Network services management

- Network Policy Server (NPS) Infrastructure
- Active Directory configuration
- Active Directory management
- Active Directory control policies

LEARNING RESOURCES

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

1155 East Broadway
Vancouver, B.C. Canada
V5T 4V5

Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
V6B 1S9

Annacis Island campus

1608 Cliveden Avenue
Delta, B.C. Canada
V3M 6P1

604.871.7000

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