



CSTP 2302: Advanced Server Administration

EFFECTIVE DATE

September 2019

DEPARTMENT

Computer Systems Tech Diploma

DESCRIPTION

In this course students will study the advanced configuration of services necessary to deploy, manage and maintain a Windows Server infrastructure in an Enterprise. Students will learn such skills as fault tolerance, certificate services, advanced file services, advanced access control, and identity federation. 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 70-412 certification exam. The Computer Systems Technology program does not provide exams for Microsoft certification, although internal exams are going to mock the certification exams.

CREDITS

3.0

YEAR OF STUDY

2nd Year Post-secondary

PREREQUISITES

CSTP 2202 Network Server Administration

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Manage high availability services
- Manage advanced file and storage services
- Manage business continuity and disaster recovery
- Manage advanced network services
- Manage advanced Active Directory infrastructure
- Manage Active Directory Federation Services (ADFS)

- Manage certificate services

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 20

Lab: 45

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
Assignments	50	4 assignments worth 10% each
Midterm Exam	25	Mock 70-412 certification exam
Final Exam	25	Mock 70-412 certification exam

COURSE TOPICS

- High availability services management
- Advanced file and storage services management
- Business continuity and disaster recovery
- Advanced network services
- Advanced Active Directory infrastructure
- Active Directory Federation Services
- Certificate services management

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
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Downtown campus

250 West Pender Street
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Annacis Island campus

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