

Alexandria Technical and Community College

CVNP 2639: Scripting and Command Line

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course offers a complex study of the functions relating to the creation and implementation of computer scripts using only the operating systems command line. The course utilizes the Disk Operating System (DOS), Linux Bourne Again SHell (BASH), and Windows PowerShell command lines to create the scripts. This course is intended for people looking for a better understanding of the creation and use of scripts and functions of a command line within different operating systems.

B. COURSE EFFECTIVE DATES: 08/21/2017 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Basic DOS Commands
2. Create and configure Windows PowerShell profiles
3. Debug scripts
4. Demonstrate a working knowledge of the BASH Shell
5. Deploy Active Directory with Windows Server
6. Introducing DOS Command Line
7. Understand and Use Windows PowerShell
8. Use Common Information Model (CIM) Cmdlets
9. Use PowerShell scripts
10. Use the Windows Management Instrumentation (WMI)
11. Work with Active Directory
12. Writing Shell scripts

D. LEARNING OUTCOMES (General)

1. The learner will exhibit an understanding of Linux BASH command line functions to include switches and options.
2. The learner will exhibit an understanding of Windows PowerShell command line functions to include switches and options.
3. The learner will exhibit an understanding of DOS command line functions to include switches and options.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted