

**Northwest Arkansas Community College
Business and Computer Information Courses**

NTWK 2203 Command-Line Scripting (WWW) (On Demand)

Catalog Description

This course teaches IT students and professionals how to manage computer and networking operating systems in a command line environment. The command line environment is essential in efficiently managing today's complex OSs and NOSs. Students will become familiar with Command line functions that are advanced in detail and complexity and learn how to apply these utilities in OS and NOS management.

Prerequisites

CISM 1103	Computer Operating Systems
NTWK 2013	Network & Information Systems
NTWK 2023	Networking & Admin 1 or Consent of Instructor

Credit Hours: 3

General Course Objectives

- Explanation of commands and functions that make your job easier, faster, and more efficient
- Coverage of commands and functions that the student will not find in other GUI-based administrative utilities
- Usage and syntax for each command
- Introduction to remote Active Directory Administration

Required Topics Covered

- Introduction to Command Line
- Managing Files
- Batch and Automation
- System Administration
- Disk and Data Management
- User Administration and Data Security
- Introduction to Networking
- Networking a Server
- Manipulating Network Resources
- Active Directory: The Windows 2003 Domain
- Security Active Directory
- Name Resolution Using DNS, WINS, and DHCP
- Advanced Networking Commands