Course Title: Shell Scripting I

Course Description:
This course will be a review of UNIX basics such as: navigation, I/O redirection, shell wildcards, regular expressions, and editors. Concepts taught are reinforced with comprehensive Labs and hands-on assignments.

Course Prerequisite(s):
Introduction to UNIX using Linux or equivalent

Course Objectives:
Provide a refresher of UNIX basics and UNIX editors for students who do not work in a UNIX/Linux environment on a regular basis.

Student Expectations:
Need access to UNIX/Linux workstation/server/virtual machine to become proficient with concepts taught in this class.

Textbook(s): (OPTIONAL)
UNIX Shell Programming Third Edition
Stephen G. Kochan and Patrick Wood
Publisher: SAMS  ISBN: 0-672-32490-3

Next Class Possibilities:
Shell Scripting II

Saturday Morning
Session 1: Quick Review of UNIX Basics
- Basic Commands
- Working with Files
- Working with Directories
- Filename Substitution
- Standard Input/Output and I/O Redirection
- Pipes
- Standard Error
- More on Commands

Session 2: Introduction to the Shell and UNIX Tools
- The kernel and the Utilities
- The Login shell
- Typing Commands to the Shell
- The shell’s Responsibilities
- Regular Expressions
Saturday Afternoon
Session 3: Text editing
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   ed (optional)