

Collin College - Continuing Education

COURSE SYLLABUS

COURSE INFORMATION

Course Number: UNIX 7040

Course Title: Shell Scripting 1

Course Description: 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

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

Course Resources: (OPTIONAL) UNIX Shell Programming Fourth Edition
by Stephen G. Kochan and Patrick Wood
Publisher: SAMS ISBN: 978-0134496009

Students need access to UNIX/Linux workstation/server/virtual machine to become proficient with concepts taught in this class.

Student Learning Outcomes:

Demonstrate familiarity with UNIX basics and UNIX editors.

Certification Notes:

Next course recommendation: Shell Scripting 2

Lesson Plan – by week or session:

Review of UNIX Basics:
Basic Commands
Working with Files
Working with Directories
Filename Substitution
Standard Input/Output and I/O Redirection
Pipes
Standard Error
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
Text editing
The vi text editor

Course Sessions:

Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Method of Evaluation:

Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of the class time in order to be considered a successful completer of the course.

Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.

Students must complete all courses (core and no. of elective courses needed) to complete a certificate series within two years from start date of the first course taken.

Refund Policy:

Please refer to www.collin.edu/ce/inforegistrar.html for our refund policy. No refunds after the start time of the first class.

Americans with Disabilities Act:

Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.