Spokane Falls Community College
COURSE LEARNING OUTCOMES AND OUTLINE

Prefix and Course Number   CS 121
Course Title   Unix/Linux

Course Learning Outcomes

By the end of this course, a student should be able to:

— Understand concepts of computer systems management with UNIX.
— Understand inherent limitations and responsibility in systems level control and management.
— Learn programming principles using UNIX scripts.
— Learn how to establish filters, use commands, set rights, etc.
— Understand a multi-user multi-tasking computer environment.
— Understand the job of System Administrator.

Course Outline

1. UNIX Overview
2. UNIX Command Syntax
3. Utilities
4. File Structures12
5. Shells
6. E-mail
7. About Gills
8. Networking, Web
9. *Vi* and emacs
10. Editors
11. Korn Shell, Scripting
12. About C, Bourne Shells
13. System Administration
14. Client/Server Architecture
15. UNIX, Internet & Web servers