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Building World Class MIS Teams, for you!

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## CU008 - VI Screen Editor (Advanced)

Length: >2 Days

### Description

This course teaches how to use the more advanced features of the visual (vi) text editor. Topics include a brief review of the fundamental vi commands, searching/goto commands, ex (line editor) interface, defining macros, and customizing the editing environment.

### Course Objectives

Upon completion of this course the attendee will be able to: use ex sub-commands for global search and replace; use advanced vi commands to rearrange and duplicate text, recover lost text, and edit multiple files; execute UNIX commands from within the editor and read the output into the current file; set vi editing options; use abbreviations and macros; use the programming features built into the vi editor.

### Course Materials

UNIX Advanced VI Text Editing Student Guide and course notes.

### Prerequisites

- CU001 - Fundamentals of UNIX or
- CU006 - UNIX VI Text Editing (Basic)

### Course Content

#### Review of VI Editor Basics

1. Entering the Editor
2. Command Mode vs. Insert/Append Mode
3. Entering Text
4. Scrolling and Searching
5. Text Substitution, Replacement, Deletion
6. Moving Text
7. Saving Files and Exiting

#### Using EX Sub-Commands

1. Global Search and Replace
2. Line Substitution
3. Writing Files to Disk

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### Advanced VI Commands

1. Marking Text
2. Rearranging and Duplicating Text
3. Recovering Lost Text
4. Reading in Other Files
5. Writing Sections to Another File
6. Editing Multiple Files
7. Escaping to the Shell

### Setting VI Options

1. The .exrc File
2. Editor Options
3. Line Numbering
4. Auto Wrap
5. Tab Stops

### Abbreviations and Macros

1. Setting Abbreviations
2. Using Abbreviations
3. Defining Macros
4. Using Macros

### Using VI as a Programming Editor

1. Auto Indenting
2. Auto Searching
3. Programming Macros

### Course Conclusion