

## **Korn and Bash Shell Programming (5 Days)**

### **Course Overview**

This course will teach you how to use shell scripts and utilities for practical system administration of AIX (or other UNIX) operating systems.

### **Skills Gained**

After completing this course, you should be able to:

- Distinguish Korn and bash shell specific features
- Use utilities such as sed and awk to manipulate data
- Understand system shell scripts such as /etc/shutdown
- Write useful shell scripts to aid system administration

### **Who Can Benefit**

This course is for support staff for AIX on POWER systems

### **Prerequisites**

You should have:

- An understanding of programming fundamentals: variables, flow control concepts such as repetition **and** decision.
- A working knowledge of AIX including the use of the vi editor, find **and** grep commands.

Students without this experience should attend *AIX Basics (AN10G)*.

### **Course Outline**

- Basic shell concepts
- Flow control in a shell Script
- Functions and typeset
- Shell features such as arithmetic and string handling
- Using regular expressions
- Using sed, awk and other AIX utilities