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## PERL Programming for Open Systems

**Duration: 4 Days**    **Course Code: AU24G**

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### Overview:

This course concentrates on the core skills required to do effective Perl 5 programming. This course also introduces the extensive module library, with particular attention to using Perl for working with databases.

Learn the core skills required to be an effective Perl 5 programmer.

This course introduces the extensive module library, with emphasis on how to use Perl to work with databases.

There is also an instructor-led online version of this course: PERL Programming for Open Systems - Instructor-led Online (AX241)

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### Target Audience:

This intermediate course is for individuals who want to use Perl to improve their productivity (system administrators, database administrators, developers looking for a powerful programming environment, Tivoli administrators, etc.)

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### Objectives:

- Write Perl scripts for data-processing, system administration, and other applications
  - Use modules from the Perl Module Library to improve your efficiency
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### Prerequisites:

You should be:

- Familiar with AIX/UNIX or Windows operating systems
  - Proficient with a text editor, such as vi or emacs
  - Familiar with shell scripting, C, or other procedural programming languages
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## Content:

### Day 1

- Unit 1 Overview
- Unit 2 Simple data types
- Unit 3 I/O using standard input and output
- Exercises 1, 2, and 3
- Unit 4 Flow control
- Unit 5 Lists and arrays
- Exercises 4 and 5

### Day 2

- Unit 6 Regular expressions
- Unit 7 String and array processing
- Exercises 6 and 7
- Unit 8 Multi-dimensional and associative arrays
- Unit 9 User-defined subroutines
- Exercises 8 and 9

### Day 3

- Unit 10 File I/O
- Unit 11 Advanced flow control
- Exercises 10 and 11
- Unit 12 Dealing with files and directories
- Unit 13 Running perl
- Exercises 12 and 13
- Unit 14 Report generation
- Unit 15 Accessing operating system data
- Unit 16 Running external programs
- Exercises 14, 15, and 16

### Day 4

- Exercises 14, 15, and 16 continued
- Unit 17 Introduction to modules
- Exercise 17
- Unit 18 DBI: A database interface
- Exercise 18

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## Further Information:

For More information, or to book your course, please call us on Head Office +44 (0) 118 912 1819

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