



# ISEC Programme 2008 Cybercrime Training



## Forensic Scripting using bash

### Course Aim

The course is designed to take students with no programming experience, and bring them all to a common level of knowledge and understanding of scripting for forensic computing applications in a Linux environment.

**This course will contain both theory and practical exercises.**

**Note: Students attending this course will undertake an assessment process. Certificates will be supplied to students who successfully complete the course.**

### Prerequisites

Students will be expected to have a fundamental understanding of computing and IT forensics and at least 2 years practical experience in the subject. It is essential that students have a good working knowledge of the English language, as the course lessons will be in English. Students should have attended the Agis 'Linux as a forensic tool' course or be able to demonstrate equivalent knowledge\*.

### Trainers

The trainers for this course will be high tech crime forensic specialists from Law Enforcement agencies and academic organisations from European countries.

### Objectives

After attending this course the participant will be able to:

- demonstrate an understanding of the fundamental programming concepts required by many programming paradigms;
- design, implement, test and debug a software solution to a given problem;
- write effective scripts to automate routine forensic tasks using a standard text editor;
- integrate several stand alone forensic tools into a single process.

\* The required knowledge for this course is:

- Forensic Analyst
  - Knowledge of common file systems, e.g., FAT, NTFS, and disk geometry, e.g., boot sector and partitioning
- Command line
  - Comfortable navigation of the Linux file system at the command line
  - Editing, saving, setting permissions on files
  - Awareness of common forensic techniques using Linux, e.g., basic regular expressions, dd, mount, The Sleuth Kit

### Who should attend

This course is designed for police staff that are experienced IT forensic practitioners and who will have attended one or more of the Agis cybercrime training courses or be able to demonstrate equivalent knowledge. This course is not for inexperienced staff.

### Course Dates

This is a five-day residential course on the following dates:  
**2<sup>nd</sup> to 8<sup>th</sup> May 2010**

### Location

This course will be held in Madrid, Spain.

### Cost

The following costs for the student will be met from the project fund provided by the European Commission and project partners:

- Air or other transport to and from the host country airport.
- Collection from and delivery to the point of entry in the host country from the training venue.
- Accommodation and all meals from the night before the course commences until the morning after the course concludes.

Personal expenditure such as personal telephone calls, dry cleaning and personal purchases are not covered by the funding arrangements and must be met by the student.



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