

Module Title Introduction to Crime Scene and Forensic Techniques.	Reference AS1006 SCQF Level SCQF 7 SCQF Points 30 ECTS Points 15 Created July 2002 Approved July 2002 Amended September 2011 Version No. 3
Keywords Forensic Science, IT, Communication Skills	

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None, in addition to course entry requirements.

Oral communication skills: principles and practice of presentation skills, use of visual aids, handling questions.

Corequisite Modules

None.

Indicative Student Workload

Precluded Modules

None.

<i>Contact Hours</i>	Full Time
Lectures	28
Tutorials/Workshops	9
laboratory Work	60

Aims of Module

To provide the student with the range and scope of activities undertaken by a forensic scientist and an understanding of evidential integrity and evidential value. To develop practical skills in the recovery of evidence. Introduce the skills required for oral and written presentation of scientific data.

<i>Directed Study</i>	
Directed Study	105

<i>Private Study</i>	
Private Study	98

Mode of Delivery

This module is delivered using a mixture of laboratory work, lectures including visiting speakers, case studies and tutorials. Directed study

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1. Communicate effectively through written and oral means on a given topic in Forensic Science.
2. Demonstrate practical competence in the use of a range of computer software packages.
3. Explain the basic principles and requirements of crime scene investigation and recovery of evidence.
4. Undertake a methodical search and recovery of various forensic samples.
5. Perform prescribed experiments accurately, present and interpret experimental observations accurately stating significance of results, sources of error and conclusions.

Indicative Module Content

Introduction to key topics in forensic chemistry and biology. Crime scene investigation, crime scene personnel, documentation, sketching, searching, recovery of evidence, sampling, packaging, corroboration, chain of evidence. contamination.

will involve the retrieval of information from library sources and the Internet.

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2
Component 2	3,5
Component 3	4

Component 1 will involve the investigation of a particular topic in forensic science and the submission of a word processed report and delivery of an oral presentation with the aid of powerpoint.

Component 3 is a group exercise and will involve the investigation of a Crime Scene.

Component 2 is a class test covering all the basic principles given in lectures and practical laboratory exercises.

Indicative Bibliography

1. LANGFORD, A.M., DEAN J., REED R., HOLMES D.A., WEYERS J., and JONES A. *Practical Skills in Forensic Science*. Current Edition. Prentice Hall.

Application of Microsoft Word, Excel, Access, PowerPoint, Outlook, ChemDraw or equivalent.

Written communication skills: principles and practice of report writing, abstracting, accessing and referencing sources, making conclusions and recommendations.

2. JAMES S.H., NORDBY J.J., BELL S. *Forensic Science: An Introduction to Scientific and Investigative Techniques*. Current Edition. CRC Press.
3. WHITE, P.C., *Crime Scene to Court, The Essentials of Forensic Science*. Current Edition. The Royal Society of Chemistry.
4. JACKSON A.R.W., JACKSON J.M., MOUNTAIN H., and BREARLEY D. *Forensic Science*. Current Edition. Pearson.