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MODULE DESCRIPTOR

Module Title

Introduction to Crime Scene and Forensic Techniques

Reference	AS1006	Version	5
Created	August 2021	SCQF Level	SCQF 7
Approved	July 2002	SCQF Points	30
Amended	August 2021	ECTS Points	15

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.

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

Module Delivery

This module is delivered using a mixture of laboratory work, lectures including visiting speakers, case studies and tutorials. Directed study will involve the retrieval of information from library sources and the Internet.

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Indicative Student Workload	Full Time	Part Time
Contact Hours	97	N/A
Non-Contact Hours	203	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	40%	Outcomes Assessed:	1, 2
Description:	Written report and oral presentation				

Component 2

Type:	Examination	Weighting:	30%	Outcomes Assessed:	3, 5
Description:	Closed book written exam				

Component 3

Type:	Practical Exam	Weighting:	30%	Outcomes Assessed:	4
Description:	Crime scene exercise				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

This module is assessed using the three components of assessment as detailed in the Assessment Plan. A minimum module grade of D is required for a pass, with compensation of grade E in Component 1, Component 2 or Component 3 permitted. Non-submission of either component will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A minimum of any combination of AAC
B	A minimum of any combination of BBD
C	A minimum of any combination of CCE
D	A minimum of any combination of DDE
E	A minimum of any combination of EE with A, B, C, D or E
F	An F grade is obtained in any one or more components.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None, in addition to course entry requirements.
Corequisites for module	None.
Precluded Modules	None.

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.
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.