Principles of Forensic and Crime Scene Investigation

Module Code: ARC4016-B
Academic Year: 2019-20
Credit Rating: 20
School: School of Archaeological and Forensic Sciences
Subject Area: Forensic Science
FHEQ Level: FHEQ Level 4
Module Leader: Mr Robert Janaway

Additional Tutors:

Pre-requisites:
Co-requisites:

Contact Hours

<table>
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<tr>
<th>Type</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Lectures</td>
<td>32</td>
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<tr>
<td>Laboratory</td>
<td>22</td>
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<tr>
<td>Directed Study</td>
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Availability Periods

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<tr>
<th>Occurrence</th>
<th>Location/Period</th>
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<tr>
<td>BDA</td>
<td>University of Bradford / Academic Year (Sept - May)</td>
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Module Aims

To introduce:
(1) the scope, methods and limitations of crime scene examination and forensic enquiry in the crime to court process,
(2) main evidence types in volume, major and serious crimes
(3) To provide hands-on experience of laboratory casework and crime scene examination
Outline Syllabus

To outline the aims of evidence collection from a scene of crime to show commonality and individuality of contact trace evidence; to outline the principals involved in the collection, preservation, examination and interpretation of evidence (e.g. fingerprint and footwear impressions, tool-marks, fibres, glass, body fluids, soil, etc.). The module introduces the role of the forensic practitioner and the importance of forensic standards ISO 17020 and ISO 17025.


Practical:

Practical crime scene examination for different types of simulated crime scene.

Practical examination and recovery of physical evidence in the laboratory including examination of exhibits from a simple simulated case.

Module Learning Outcomes

On successful completion of this module, students will be able to...

1. Describe a broad range of forensic evidence including approaches to its documentation, recovery and analysis.
2. Describe some scenes of crime and forensic laboratory procedures, give a detailed account of the process of criminal investigation from crime scene to court with particular reference to the role of the major participants (police/forensic providers/pathologist/other experts/CPS), appreciate key concepts such as integrity, continuity, persistence and technical issues.
3. Search a range of crime scenes, document, collect and package evidence, prepare laboratory submission forms, recover contact trace material in practical forensic examination, and write a simple expert report.
4. Recognise important health and safety issues.
5. Write concise notes and produce written documentation to a proscribed format.
6. Work in group to achieve goal in limited time frame.

Learning, Teaching and Assessment Strategy

Teaching will be in full class lectures, simulated crime scene and practical forensic laboratory classes.
The examination at the end of semester 1 will test for a broad understanding of the application of forensic science to the criminal justice system, while in semester 2 the assessment is based around writing contemporaneous notes and an expert witness statement relating to a simple simulated crime scene.

### Mode of Assessment

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<th>Type</th>
<th>Method</th>
<th>Description</th>
<th>Length</th>
<th>Weighting</th>
<th>Final Assess'</th>
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<tr>
<td>Summative</td>
<td>Examination - closed book</td>
<td>Closed book/MCQ examination in semester 1</td>
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<tr>
<td>Summative</td>
<td>Coursework</td>
<td>Coursework in semester 2</td>
<td>0-2000 words</td>
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### Legacy Code (if applicable)

### Reading List
To view Reading List, please go to [rebus:list](#).