

| Module Details |                                                        |
|----------------|--------------------------------------------------------|
| Module Title   | Introduction to Forensic and Crime Scene Investigation |
| Module Code    | ARC4017-B                                              |
| Academic Year  | 2020/1                                                 |
| Credits        | 20                                                     |
| School         | School of Archaeological and Forensic Sciences         |
| Subject Area   | Forensic Science                                       |
| FHEQ Level     | FHEQ Level 4                                           |
| Pre-requisites | N/A                                                    |
| Co-requisites  | N/A                                                    |

| Contact Hours                  |       |
|--------------------------------|-------|
| Type                           | Hours |
| Online Lecture (Asynchronous)  | 22    |
| Online Lecture (Synchronous)   | 11    |
| Practical Classes or Workshops | 9     |
| Directed Study                 | 134   |

| Availability |                                     |
|--------------|-------------------------------------|
| Occurrence   | Location / Period                   |
| BDA          | University of Bradford / Semester 1 |

| Module Aims                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>To introduce</p> <p>(1) the scope, methods and limitations of crime scene examination and forensic enquiry in the crime to court process,</p> <p>(2) main evidence types in volume, major and serious crimes and</p> <p>(3) To provide hands-on experience of laboratory casework and crime scene examination.</p> |

## 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 principles involved in the collection, preservation, examination and interpretation of evidence (e.g. fingerprint and footwear impressions, tool-marks, fibres, glass, body fluids, soil, etc.)

Lectures: Introduction to Forensic Science, Crime Scene to Court Process. Scenes of Crime: The role of crime scene investigators in the preservation, recovery and recording of evidence at the scene of crime and evaluation of crime scene evidence. Overview of Forensic Science in the UK: Police Forces Scientific Support in relation to other Forensic Agencies. Overview of physical evidence including DNA, Toxicology, footwear and tool marks, finger-marks. Introduction to forensic evidence associated with arson, explosions and firearms. Courts and their structure. Giving expert testimony; evidence-in-chief and cross-examination. Admissibility of forensic evidence in Court: differences between UK and USA. Writing of laboratory reports and expert witness statements. Health and safety issues at scenes and in forensic examination.

Practical: Practical crime scene examination of simulated crime scene, handling evidence in the laboratory.

## Learning Outcomes

| Outcome Number | Description                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01             | 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, Crown Prosecution Service); appreciate key concepts such as integrity, continuity, persistence and technical issues. |
| 02             | Search simple volume crime scenes, collect and package evidence, prepare laboratory submission forms and identify errors in them, recover contact trace material in practical forensic examination, and write a simple expert report.                                                                                                                                                                      |
| 03             | Recognise important health and safety issues.                                                                                                                                                                                                                                                                                                                                                              |
| 04             | Write concise case notes and a report.                                                                                                                                                                                                                                                                                                                                                                     |

## Learning, Teaching and Assessment Strategy

Teaching will be via lecture topics consisting of blended asynchronous on line and synchronous online for each subject (3 hours equivalent to 2 conventional face to face teaching).

Crime scene and laboratory forensic procedure will be explored on line and culminating in a CW exercise which will be used as basis for the Witness statement

## Mode of Assessment

| Type      | Method                  | Description                    | Length         | Weighting |
|-----------|-------------------------|--------------------------------|----------------|-----------|
| Summative | Examination - Open Book | Examination - Online Open Book | 1 hour 30 mins | 50%       |
| Summative | Coursework              | Coursework - 0-2000 words      | N/A            | 50%       |

## Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>

*Please note:*

*This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.*

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