1. **Title of the module**

Practical Skills in Forensic Science 1 (FSCI3020/FS302)

1. **School or partner institution which will be responsible for management of the module**

School of Physical Sciences

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 4

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Term 2

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

BSc(Hons) Forensic Science

BSc(Hons) Forensic Science with a Year in Industry

BSc(Hons) Forensic Science with a Year Abroad

BSc(Hons) Forensic Science with a Foundation Year

MSci Forensic Science

This is not available as a wild module.

1. **The intended subject specific learning outcomes.**

**On successfully completing the level module students will be able to:**

1. Demonstrate and increase in their practical capabilities across a range of forensically relevant skills (which could include incident scene mapping, imaging, evidence collection and processing, consideration of suitable personal protective equipment (PPE), ballistic testing, ammunition investigation etc).
2. Demonstrate an appreciation of the breadth of analyses that can be conducted in Forensic Science in relation to scene processing, evidence collection and analysis.
3. Apply knowledge gained in other Forensic Science modules to realistic practical scenarios.
4. Communicate Forensic practical work to others through subject-relevant reporting mechanisms.
5. **The intended generic learning outcomes.**

**On successfully completing the module students will be able to:**

1. Demonstrate a basic practical skillset, relevant for future Forensic Science employment.
2. Demonstrate communication skills in a range of ways relevant for Forensic Scientists.
3. **A synopsis of the curriculum**

This module introduces a range of forensically-relevant practical techniques from the initial processing of incident or crime scenes through to carrying out relevant laboratory analyses of evidence collected.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Langford, Dean, Reed, Weyers, Jones, Practical Skills in Forensic Science Third Edition, 2018, Pearson.

1. **Learning and teaching methods**

Total contact hours: 30

Total private study hours: 120

Total module study hours: 150

1. **Assessment methods**
   1. Main assessment methods

|  |  |
| --- | --- |
| Laboratory Report 1 (3 hours) | 20% |
| Laboratory Report 2 (3 hours) | 20% |
| Portfolio (10 hours) | 40% |
| Scene Assessment (3 hours) | 20% |

13.2 Reassessment methods

100% by Coursework

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section 12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 |
| **Learning/teaching method** |  |  |  |  |  |  |
| Practical Classes | **X** | **X** | **X** | **X** | **X** | **X** |
| Private Study |  | **X** | **X** | **X** |  | **X** |
| **Assessment method** |  |  |  |  |  |  |
| Laboratory Reports | **X** | **X** | **X** | **X** | **X** | **X** |
| Portfolio | **X** | **X** | **X** | **X** | **X** | **X** |
| Scene Assessment | **X** | **X** | **X** | **X** | **X** | **X** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Forensic science is an inherently international subject with physical laws discovered and techniques developed and refined by scientists across the globe. It is facilitated by well-defined conventions in terminology and mathematical modelling which allow complex concepts to be communicated across language barriers. This module introduces students to the work of these pioneers, as well as the fundamentals behind it and so enables them to interact with this community. Where possible, the reading list has been chosen, in part, to demonstrate the diversity of backgrounds of forensic scientists working in the field.

**DIVISIONAL OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
|  |  |  |  |  |
|  |  |  |  |  |