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## MODULE DESCRIPTOR

### Module Title

Project			
Reference	AS4049	Version	8
Created	August 2021	SCQF Level	SCQF 10
Approved	July 2002	SCQF Points	45
Amended	August 2021	ECTS Points	22.5

### Aims of Module

To enable students to undertake independent research and report their findings thereby illustrating their ability to analyse, synthesise and evaluate a research based project.

### Learning Outcomes for Module

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

- 1 Prepare a review of the relevant literature which includes a justification of the methods used.
- 2 Work independently to acquire and utilise the appropriate skills and knowledge base required for research.
- 3 Prepare a comprehensive report on the work undertaken, including a critical evaluation of the significance of the findings obtained.
- 4 Present and defend the findings of the work in the form of an oral presentation.

### Indicative Module Content

Independent research-based project in a selected area of Forensic or related science.

### Module Delivery

Project Work is a student centred activity involving laboratory work or other investigative activity and is supplemented with tutorials.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	173	N/A
Non-Contact Hours	277	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	450	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

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

**Component 1**

Type: Coursework Weighting: 25% Outcomes Assessed: 1  
 Description: Written literature review.

**Component 2**

Type: Coursework Weighting: 50% Outcomes Assessed: 2, 3  
 Description: A report in the form of a scientific paper.

**Component 3**

Type: Coursework Weighting: 25% Outcomes Assessed: 4  
 Description: Poster presentation and defence.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The module grade represents Component 1 (CW1) weighted as minor, the second, Component 2 (CW2) weighted as major and Component 3 (CW3) weighted as minor. 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:
<b>A</b>	CW2: A, CW1 & CW3 any combination of: AA, AB, AC or BB; CW2: B, CW1 & CW3: AA.
<b>B</b>	CW2: A, CW1 & CW3 any combination of: BC or CC; CW2: B, CW1 & CW3 any combination of: AB, AC, BB, BC or CC; CW2: C, C1 & C3 any combination of: AA, AB, AC or BB.
<b>C</b>	CW2: A, CW1 & CW3 any combination of: AD, AE, BD, BE, CD or DD; CW2: B, CW1 & CW3 any combination of: AD, AE, BD or BE; CW2: C, CW1 & CW3 any combination of: AD, AE, BC, BD, CC or CD; CW2: D, CW1 & CW3 any combination of: AA, AB, AC, AD, BB, BC, BD or CC; CW2: E, CW1 & CW3 any combination of: AA, AB, AC or BB.
<b>D</b>	CW2: A, CW1 & CW3 any combination of: CE, DE or EE; CW2: B, CW1 & CW3 any combination of: CD, CE, DD, DE or EE; CW2: C, CW1 & CW3 any combination of: BE, CE, DD, DE or EE; CW2: D, CW1 & CW3 any combination of: AE, BE, CD, CE, DD, DE or EE; CW2: E, CW1 & CW3 any combination of: AD, AE, BC, BD, BE, CC, CD, CE or DD.
<b>E</b>	CW2: A, B, C or D and CW1 & CW3 any combination of: AF, BF, CF, DF, EF or FF; CW2: E, CW1 & CW3 any combination of: AF, BF, CF, DE, DF, EE or EF; CW2: F, CW1 & CW3 any combination of: AA, AB, AC, AD, AE, AF, BB, BC, BD, BE, BF, CC, CD, CE, CF, DD, DE or DF.
<b>F</b>	CW2: E, CW1 & CW3: FF; CW2: F, CW1 & CW3 any combination of: EF or FF.
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Successful completion of Stage 3 Forensic and Analytical Science or equivalent.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 EBEL, H., BLIEFERT, C. AND RUSSEY, W. *The Art of Scientific Writing: From Student Reports to Professional Publications in Chemistry and Related Fields*. Current Edition. Wiley-VCH.
- 2 RUDESTAM, K.E. AND NEWTON, R.R. *Surviving your Dissertation: A Comprehensive Guide to Content and Process*. Current Edition. Sage Publications.
- 3 O'CONNOR, M. *Writing Successfully in Science*. Current Edition. E & FN Spon.
- 4 Papers published in Forensic Science related journals and specialist reviews.
- 5 LANGFORD, A., DEAN, J, REED, R., HOLMES, D., WEYERS, J. AND JONES, A. *Practical Skills in Forensic Science*. Current Edition. Pearson Education Ltd.
- 6 DEAN, R.R., JONES, A.M., HOLMES, D., REED, R., WEYERS, J. AND JONES, A. *Practical Skills in Chemistry*. Current Edition. Pearson Education Ltd.