



**CORPORATE AND ACADEMIC SERVICES**

**MODULE SPECIFICATION**

Part 1: Basic Data					
Module Title	Advanced Crime Scene Science				
Module Code	USSJRY-30-M	Level	M	Version	2
Owning Faculty	Health & Applied Sciences	Field	BBAS		
Contributes towards	MSc Advanced Forensic Analysis				
UWE Credit Rating	30	ECTS Credit Rating	15	Module Type	Standard
Pre-requisites	None		Co- requisites	None	
Excluded Combinations	None		Module Entry requirements	N/A	
Valid From	September 2014		Valid to	September 2020	

<b>CAP Approval Date</b>	28/03/2014
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Part 2: Learning and Teaching	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• develop, explain and justify according to national occupational standards (NOS) and rationally explain strategies for the investigation of various types of crime scenes and best practice;</li> <li>• competently investigate a variety of crime scenes through:</li> <li>• performing the roles of scene-attending personnel up to and including that of crime scene manager;</li> <li>• assessing, preserving, recovering and storing physical evidence;</li> <li>• documenting scenes through contemporaneous records, statements, drawings and photographic methods;</li> <li>• critically evaluate and appraise new developments in crime scene investigation</li> </ul>
Syllabus Outline	<p>This module examines advanced techniques in crime scene investigation including:</p> <ul style="list-style-type: none"> <li>• Special evidence types: e.g. pollen, soil, plant material, insects</li> <li>• Volume Crime Personnel and Procedures; Good practice in Crime Scene Examination.</li> <li>• Major Crime Scenes: roles of personnel, procedures, requirements. Specialist personnel. Practical exercises: a variety of mock scenes of serious crime;</li> <li>• Mass disasters (major accidents or natural disasters)</li> <li>• War crimes</li> <li>• Quality assurance (training, NOS, the Forensic Regulator, Continuing Professional Development (CPD), performance monitoring);</li> <li>• Special Scenes (incl. advanced methods of evidence recovery) with some practical exercises, such as fire scenes, scenes involving firearms, explosions, vehicle investigation, outdoor scenes, clandestine burials, underwater</li> </ul>

	<p>forensics, terrorist crime, computer crime, drug laboratories;</p> <ul style="list-style-type: none"> <li>Special equipment: Alternative light sources, enhancement techniques, ground penetrating radar, chemical sniffers/ mobile labs, real time PCR (chip technology), drug testing kits, crime scene measuring equipment.</li> </ul>																									
Contact Hours	<p>The contact hours (72) are distributed as follows:</p> <p>32 hours interactive lectures 24 hours practicals 16 hours workshops/seminars</p>																									
Teaching and Learning Methods	<p>The theoretical material will be delivered mostly as lectures reinforced by directed reading, practical activities and directed tasks. The practical work will support and extend lecture material, and will include simulation workshops and data interpretation. Tutorials and learning support will be offered at key times. Online resources will support the module. It will provide access to course documents, sample exam questions and other learning materials. Some lectures will be open to the forensic science community for CPD purposes.</p> <p><b>Scheduled learning</b> includes lectorials and simulated practical classes.</p> <p><b>Independent learning</b> includes hours engaged with essential reading, assignment preparation and completion, etc. These sessions constitute an average time per level as indicated in the table below.</p>																									
Key Information Sets Information	<table border="1"> <tr> <td colspan="4">Number of credits for this module</td> <td>30</td> </tr> <tr> <td>Hours to be allocated</td> <td>Scheduled learning and teaching study hours</td> <td>Independent study hours</td> <td>Placement study hours</td> <td>Allocated Hours</td> <td></td> </tr> <tr> <td>300</td> <td>72</td> <td>228</td> <td>0</td> <td>300</td> <td></td> </tr> </table> <p>The table below indicates as a percentage the total assessment of the module which constitutes a -</p> <p><b>Written Exam:</b> Unseen written exam, <b>Coursework:</b> Practical crime scene examination, including full documentation</p> <table border="1"> <tr> <td colspan="2">Total assessment of the module:</td> </tr> <tr> <td>Written exam assessment percentage</td> <td>50%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td>50%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Number of credits for this module				30	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours		300	72	228	0	300		Total assessment of the module:		Written exam assessment percentage	50%	Coursework assessment percentage	50%		100%
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Reading Strategy	<p>All students will be encouraged to make full use of the print and electronic resources available to them through membership of the University. These include a range of electronic journals and a wide variety of resources available through web sites and information gateways. The University Library's web pages provide access to subject relevant resources and services, and to the library catalogue. Many resources can be accessed remotely. Students will be presented with opportunities within the curriculum to develop their information retrieval and evaluation skills in order to identify such resources effectively.</p> <p>Any <b>essential reading</b> will be indicated clearly, along with the method for accessing it,</p>																									

	<p>e.g. students may be expected to purchase a set text, be given or sold a print study pack or be referred to texts that are available electronically, etc. This guidance will be available either in the module handbook, via the module information on Blackboard or through any other vehicle deemed appropriate by the module/programme leaders. If <b>further reading</b> is expected, this will be indicated clearly. If specific texts are listed, a clear indication will be given regarding how to access them and, if appropriate, students will be given guidance on how to identify relevant sources for themselves, e.g. through use of bibliographical databases.</p>
Indicative Reading List	<p><i>The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms.</i></p> <p>Aspects of the syllabus are covered in the most recent editions of books such as:</p> <p>Pepper I. <i>Crime Scene Investigation, Methods and Procedures</i>. Milton Keynes: Open University Press</p> <p>Sutton R. &amp; Trueman K. (ed), <i>Crime Scene Management: scene specific methods</i>. Hoboken, NJ: Wiley-Blackwell.</p> <p>Cook, T. &amp; Tattersall, A. <i>Blackstone's Senior Investigating Officers' Handbook</i>. Oxford: Oxford University Press</p> <p>Crime Scene Investigation books and chapters of books, including specialised texts on FORENSICnetBASE</p> <p><u>Official Publications, such as</u> ACPO Investigation of Volume Crime Manual</p> <p>ACPO Murder Investigation Manual</p> <p>ACPO Road Death Investigation Manual</p> <p>Skills For Justice National Occupational Standards</p> <p><u>Journals:</u> Forensic Science International</p> <p>Science and Justice</p>

<b>Part 3: Assessment</b>	
Assessment Strategy	<p>The Assessment Strategy has been designed to support and enhance the development of both subject-based and employability skills, whilst ensuring that the modules Learning Outcomes are attained, as described below.</p> <p>The controlled component is a written exam. The exams will be 3 hours duration which is consistent with the Department's assessment strategy for Level M modules. This assessment will provide students with an opportunity to demonstrate both their knowledge on a broad range of topics through a selection of essay questions. This assessment will test a range of the learning outcomes and will provide a valuable learning experience through critical evaluation and demonstrating knowledge.</p> <p>The coursework comprises a practical examination of a simulated crime scene, including full documentation. .</p> <p>Opportunities for formative assessment and feedback are built into the workshop and practical series, through discussion of current research, the</p>

	<p>evaluation of current professional practise, and review of past exam papers.</p> <p>All work is marked in line with the Department's Generic Assessment Criteria and conforms to university policies for the setting, collection, marking and return of student work. Assessments are described in the Module handbook that is supplied at the start of module</p> <p>Formative feedback is available to students throughout the module through group discussions, practical classes and in lectorials. Students are provided with formative feed-forward for their exam through a revision and exam preparation session prior to the exam and through the extensive support materials supplied through Blackboard.</p>
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Identify final assessment component and element		
% weighting between components A and B (Standard modules only)	<b>A:</b> 50%	<b>B:</b> 50%
<b>First Sit</b>		
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b> (as % of component)	
1. Written Exam (3 hours)	100%	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b> (as % of component)	
1. Practical crime scene examination, including full documentation	100%	

<b>Resit (further attendance at taught classes is not required)</b>		
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b> (as % of component)	
1. Written exam (3 hours)	100%	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b> (as % of component)	
1. Portfolio - practical report, data interpretation and written task	100%	

If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.