



CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Advanced Forensic Photography				
Module Code	USSKC9-30-2	Level	2	Version	1
Owning Faculty	Health and Applied Sciences	Field	Biological, Biomedical and Analytical Sciences		
Contributes towards	FdSc Forensic Science @ UCY				
UWE Credit Rating	30	ECTS Credit Rating	15	Module Type	Standard
Pre-requisites	General and Forensic Photography	Co- requisites	None		
Excluded Combinations	None	Module Entry requirements			
Valid From	September 2015	Valid to	September 2021		

CAP Approval Date	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"> - describe in detail the construction and function of advanced photographic and associated equipment such as stroboscopes and UV-lighting equipment; -create professional photographic records of a number of specialised crime scenes and present these in a portfolio; <p>Demonstrate competence in:</p> <ul style="list-style-type: none"> - the use of advanced image acquisition techniques; - the photography and analysis of crime scenes, using a variety of special indoor and outdoor scenes, such as fire scenes; road traffic scenes, clandestine drug labs - the use of digital image enhancement tools; - he use of video imaging at crime scenes; - demonstrate compliance with CJS requirements, such as labelling, safe storage and continuity;

	- demonstrate awareness of health and safety and ethical issues.
Syllabus Outline	<ul style="list-style-type: none"> + Advanced evidence photography: e.g. UV and IR illumination, fluorescence, polarised light, macro photography, capture of microscopic images, transient marks, night time photography, high speed photography, time lapse photography, stereo photography. + Photography of special scenes: e.g. fire scenes, underwater scenes, aerial photography, road traffic incidents, clandestine drug labs with associated paperwork for scenes + Photography using video imaging: e.g. 3D software + Specialised topics: e.g. surveillance photography, CCTV, speed and traffic cameras, automated number plate recognition, + Three dimensional computer reconstruction of crime scenes + Digital image enhancement tools: filters and other operations in image processing programs. + Image storage formats, compression algorithms and quality losses. + Health and Safety and Ethics relating to forensic photography.
Contact Hours	Students will have 3 hours of supervised instruction per week, this will be a mixture of theory taught in lectures and tutorials and practical classes.
Teaching and Learning Methods	<p>This module, like the pre-requisite module at level 1 has a strong practical focus. Photography skills and knowledge acquired at level 1 will be presumed and extended to more advanced topics.</p> <p>Theoretical knowledge, will be imparted in lectures and strengthened in tutorials. Demonstrations and small group practical classes will teach skills, such as fluorescence and time-lapse photography. Feedback will be given individually or in tutorial group discussions. Advanced image processing skills will be taught through structured computer exercises.</p> <p>Independent learning will be encouraged through the requirement of the compilation of a photographic portfolio, which captures the techniques studied throughout the year and culminates in the photographic documentation of a crime scene and associated evidence.</p> <p>Scheduled learning includes lectures, seminars, tutorials, project supervision, demonstration, practical classes and workshops; fieldwork; external visits; work based learning; supervised time in studio/workshop.</p> <p>Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make.</p>
Key Information Sets Information	Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Key Information Set - Module data

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	69	231		300



The table below indicates as a percentage the total assessment of the module which constitutes a -

Written Exam: Unseen written exam

Coursework: Written assignment or essay, portfolio

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module:	
Written exam assessment percentage	50%
Coursework assessment percentage	50%
Practical exam assessment percentage	0%
	100%

Reading Strategy

The aim of the module is to expand on knowledge of Forensic Photography. In addition to this students will develop advanced photography skills to work at a variety of crime scenes. The module will be delivered as an appropriate mix of lectures, practical exercises, seminars, tutorials and student-centred learning activities. Students will use ForensicNetBase and other databases to improve knowledge.

Students will have the opportunity to develop a variety of skills through the different teaching and learning activities including: investigative skills and information synthesis, photography skills and teamwork in practicals, reflection, conceptualisation and information assimilation in lectures and applying knowledge gained, communication skills, practicals and examination skills.

Indicative Reading List

Textbooks

Crime Scene Investigator Network (2014) Crime Scene and Evidence Photography. Available from: <http://www.crime-scene-investigator.net/csi-photo.html>

Duncan, C.D. (2010) *Advanced Crime Scene Photography*. Florida (USA): CRC Press.

Langford, M., Fox, A. and Sawdon Smith, R. (2010) *Langford's Basic Photography: The Guide for Serious Photographers*. Oxford: Focal Press.

Morgan, D. and Falkner, E. (2001) *Aerial Mapping: Methods and Applications*. 2nd Ed. Florida (USA): CRC Press.

Redsicker, D.R. (2000) *The Practical Methodology of Forensic Photography*. 2nd edition. Florida (USA): CRC Press.

Robinson, E.M. (2012) *Introduction to crime scene photography*. Amsterdam: Elsevier Academic Press.

	<p>Russ, J.C. (2001) <i>Forensic Uses of Digital Imaging</i>. Florida (USA): CRC Press.</p> <p>Stone, J. and London, B. (2005) <i>A Short Course in Photography: An Introduction to Photographic Technique</i>. 6th Edition. New Jersey (USA): Prentice Hall.</p> <p>StroebeL, L. (1997) <i>View Camera Technique</i>. Oxford:Focal Press.</p> <p>StroebeL, L., Current, I.B., Compton, J.C. and Zakia, R.D. (2000) <i>Basic Photographic Materials and Processes</i>. 2nd Ed. Oxford: Focal Press.</p> <p>The Association of Photographers (2014) AOP. Available from: www.the-aop.org.</p>
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Part 3: Assessment

Assessment Strategy	<p>Examination (50%):</p> <p>3 hour exam in AP 2</p> <p>Coursework (50%):</p> <p>A portfolio of photographic work undertaken in the practical sessions and subsequently.</p>
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Identify final assessment component and element		
% weighting between components A and B (Standard modules only)	A:	B:
	50%	50%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting (as % of component)	
1. Written Exam (3 Hours)	100%	
Component B Description of each element	Element weighting (as % of component)	
1. Portfolio of Photographic work	100%	

Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting (as % of component)	
1. Written Exam (3 Hours)	100%	
Component B Description of each element	Element weighting (as % of component)	
1. Portfolio of Photographic work	100%	
<p>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.</p>		