



UNIVERSITI TEKNOLOGI MARA

CPM615: FORENSIC PHOTOGRAPHY

Course Name (English)	FORENSIC PHOTOGRAPHY APPROVED
Course Code	CPM615
MQF Credit	3
Course Description	A forensic Photography course includes study of taking pictures for the further study of the case or incident. Under this course, the students are taught various ways in which the pictures can be clicked in order to get proper view of the incident. All information, no matter how minute it is, is to be picked in the form of pictures and hence it requires huge expertise. This course helps the students in developing that expertise in them.
Transferable Skills	<p>Demonstrate ability to communicate clearly and confidently, and listen critically</p> <p>Demonstrate practical and contemporary knowledge of relevant professional, ethical and legal frameworks</p> <p>Demonstrate ability to apply creative, imaginative and innovative thinking and ideas to problem solving.</p>
Teaching Methodologies	Lectures, Demonstrations, Practical Classes, Tutorial, Presentation
CLO	<p>CLO1 Be able to analyze the principles and basic photography techniques which applicable in Malaysian Judiciary System</p> <p>CLO2 Show ethical standards when photographing human subjects and crime scene, particularly in criminal justice-related situations and produce a picture which is acceptable as valid evidence in Malaysian Court of Law.</p> <p>CLO3 Determine the role of the forensic professional in relation to scene reporting, evidence collection and police investigation</p>
Pre-Requisite Courses	No course recommendations
Topics	<p>1. Introduction Forensics Science</p> <p>1.1) Definition</p> <p>1.2) History and Development of Forensics Science</p> <p>1.3) Scope of Forensics sciences</p> <p>2. Fundamental of Forensics Photography</p> <p>2.1) Basic principles of Forensics photography</p> <p>2.2) Crime scene photography</p> <p>2.3) Tools of Forensics Photography</p> <p>3. Criminology & Law</p> <p>3.1) Introduction of Malaysia Law</p> <p>3.2) Limitations and legal aspects</p> <p>3.3) Evidence Act</p> <p>3.4) Understanding Modus Operandi</p> <p>3.5) Crime Scene Characteristics</p>

<p>4. Composition and Cardinal Rules 4.1) Learning Objective 4.2) Composition and Cardinal Rules 4.3) Cardinal Rules of Crime Scene Photography</p>
<p>5. Ultraviolet, Infrared and Fluorescence 5.1) The Electromagnetic Spectrum (EMS) 5.2) Ultraviolet Light (UV) 5.3) Infrared Light(IR) on the Electromagnetic Spectrum 5.4) Visible Light Fluorescence</p>
<p>6. Photogrammetry 6.1) Introduction to Photogrammetry 6.2) Perspective Grid Photogrammetry 6.3) Perspective Disc Photogrammetry 6.4) Natural Grid Photogrammetry 6.5) Reverse Projection Photogrammetry 6.6) • Rhino Photogrammetry</p>
<p>7. Crime Scene Investigation 7.1) Managing the Crime Scene 7.2) Crime Scene Investigator in Charge Responsibilities 7.3) Crime Scene Documentation 7.4) Collecting Evidence at the Crime Scene</p>
<p>8. Crime Scene Photography 8.1) Photo Documentation Forms 8.2) Photo Labels 8.3) Overall Photograph 8.4) Midrange Photograph 8.5) Close-Up Photograph 8.6) The Photographic Documentation of Bodies and Wounds</p>
<p>9. Photographing Accident Scenes and Evidence 9.1) Preparing to Photograph Accident Scenes and Evidence 9.2) Vehicular Accident Scene Photography 9.3) Macro photography and Vehicles 9.4) Aerial Scene Photography 9.5) Accident Victims Identification Standard Operating Procedures</p>
<p>10. Photographing Crime Scenes 10.1) Photographs as Evidence 10.2) Scientific Crime Scene Processing 10.3) Types of Scene 10.4) Types of Fragile Evidence 10.5) Victims: Injuries and Corpses 10.6) Evidence Collection</p>
<p>11. Testifying in the Courtroom1 Trials 11.1) Types of Trials 11.2) Types of Disputes 11.3) Testimony 11.4) Evidence</p>
<p>12. Testifying in the Courtroom 2 12.1) Admissibility of Forensics Photograph 12.2) Report Example 12.3) Authentication</p>
<p>13. Legal Issues Related To Photographs And Digital Images 1 13.1) Criteria of Photographs and Digital Images as Evidence 13.2) The Purposes of Crime Scene Photograph 13.3) Photographs of Suspects and Evidence</p>
<p>14. Legal Issues Related To Photographs And Digital Images 2 14.1) Legal Implication of Digital Imaging 14.2) International Association for Identification (IAI) 14.3) Case Law Citations Relevant to Film Photos and Digital Images</p>

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	In this assignment, student needs to write the simple journal and do the research about introduction and development of Forensic Photography in Malaysia. End of this assignment, student will be understand about the function of forensic photography as evidence to help the investigation and administrative of justice.	20%	CLO1
	Assignment	In this assignment, students are going to figure out analytically on composition and cardinal rules are being used in Forensic Photography. Student will be implementing this assignment practically. End of this assignment, student will be discussing about the correct technique and the correct composition to capture the pictures.	20%	CLO2
	Assignment	A crime scene photograph can eventually be offered as items of evidence in court. In this assignment student are required to understand the requirements of crime scene photography and correct technique when photograph the scene.	20%	CLO2
	Assignment	Photographic documentation of an accident scenes, victims and peripheral evidence is within the normal scope of activities of the forensic photographer. Mental and physical preparation is crucial and the photographer has to prepare himself before going to the scene. Students are required to take the photograph accident scene.	40%	CLO3

Reading List	Reference Book Resources	<ul style="list-style-type: none"> • Weiss 2009, <i>Forensics Photography: The Importance of Accuracy</i>, Pearson Prentice Hall, New Jersey. • R.Redicker 2009, <i>the Practical Methodology of Forensics Photography, 2th Ed (Practical Aspects of Criminal& Forensics Investigation)</i>, Focal Press, Massachusetts. • Legal Research Board 2010, <i>Criminal Procedure Code (ACT 593)</i>, International Law Book Services, Malaysia.
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	