

MTD105e Digital Photography Technology

Level: 1

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY SEMESTER

E-Learning: BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

Synopsis:

Digital photography enables still images to be stored without deterioration, compressed for saving storage speed, electronically transferred to another viewer at long distance and to be manipulated to give more enhanced images. This course covers the theoretical aspects of digital photography so that the students understand the scientific aspects of digital photography. Students are to bring a digital camera to class (compact point-and-shoot or digital single lens reflex; not mobile phone camera) to gain hands-on experience on how to use the camera.

Topics:

- Fundamentals of Photography
- Digital Workflow
- Understanding the Subject
- Variables for Exposure
- Exposure Modes
- Rules of Composition
- Correlation between the Variables for Exposure
- Essential Camera Settings
- Design Elements
- Analysis of Photographs
- Techniques in Photography
- Flash Photography

Learning Outcome:

- Use pertinent digital photography terminologies and vocabulary
- Explain the principles and elements of art and design in photography with attention to areas such as colour, lighting, composition and balance
- Describe technical and aesthetic qualities of successful photographs
- Demonstrate proper camera and basic digital processing techniques
- Create original works of art that reflect their point of view
- Apply basic digital software enhancement skills

Assessment Strategies (Evening Class):

Components	Description	Weightage Allocation (%)

Overall Continuous Assessment	PRE-CLASS QUIZ 1	2
	PRE-CLASS QUIZ 2	2
	PRE-CLASS QUIZ 3	2
	QUIZ 1	9
	TUTOR-MARKED ASSIGNMENT 1	15
Overall Examinable Components	ECA	70
Total		100