DIGITAL PHOTOGRAPHY

WHO SHOULD ATTEND

The course introduces participants to the basic principles of digital SLR photography. Students will discover both the creative and technical aspects of photography and explore its application as a tool in graphic design and visual communications.

This short course includes coverage of digital technology advances, studio lighting, and photo editing.

OBJECTIVES

The student will be able to:

- Understand the equipment including the workings of the DSLR camera, lenses, lighting and accessories.
- Learn basic concepts of photography in an interactive environment. Participants will also learn digital image editing
- Demonstrate a professional approach to photo composition, lighting, spatial relationship, balance and presentation.

TRAINING PROGRAMME OUTLINE

- Fundamental technical aspects of the camera including lenses, aperture, shutter
- Design issues of lighting, composition
- Basic photo editing and touch up

METHODOLOGY

Participants will be guided through:

- Lecture
- Studio demonstration
- Class assignments

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COURSE OUTLINE

WEEK	TOPIC	DURATION
1	**Fundamental Technical Aspects Camera** • Camera principles and mechanics. • Types of cameras, their usage and applications. **Aperture, Lighting and Exposure** • Aperture principles • Application of aperture in photography	2 Hours
	Shutter Speed • Shutter Speed principles • The applications of shutter speeds in photography **Exposure** • Theory of exposure • Type of exposure meters. • The applications of exposure meter in photography	2 Hours
2	**Composition** • The arrangement of subjects within the photograph • Choice of angles: low angle, high angle, closer position **Lenses** • Lens principles and characteristics. • Types of focusing and applications.	2 Hours

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	White balance • Visual effect of white **Lighting** • Types of lighting • Application of lighting in photography	2 Hours
3	**Outdoor Photography Project** • Assigned theme • Natural lighting	2 Hours
	Outdoor Photography Project • Experimenting with angles for composition and lighting effects • Lighting and accessories	2 Hours
4	**Post production techniques** • Removing distractions in the frame • Creative image adjustments • Improving facial complexion	2 Hours
	Post production techniques • Types of lighting • Shadows and highlights • Removing wrinkles • Retouching tips	
	TOTAL	**16 HOURS**