

COURSE PLAN

FIRST: BASIC INFORMATION

College

College Irbid University College

Department Applied Sciences

Course

Course Title Digital Photography

Course Code 020902136

Credit Hours 2 (1 Theoretical, 1 Practical)

Prerequisite

Instructor

Name

Office No.

Tel (Ext)

E-mail

Office Hours

Class Times

Building Name	Day of Week	Start time	End time	Hall number

Text Book

Title :

References

- 1) The Art of Photography: A Personal Approach to Artistic Expression, 2017, Bruce Barnbaum, Rocky Nook (37 \$)
- 2) The Art of Photography (Digital Photography Book 2), by Al Judge, 2014 (28 \$)
- 3) Light and Lens: Photography in the Digital Age, 3rd Edition, by Robert Hirsch (173 \$)

SECOND: PROFESSIONAL INFORMATION

COURSE DESCRIPTION

This course covers working competence in digital photography, including concepts, principles, procedures and camera devices. And it also provides various snapshot techniques in different situations and photo manipulation techniques using image edit software.

COURSE OBJECTIVES

The objectives of this course are to enable the student to do the following:

- Develop a working competence in digital photography, including concepts, principles and devices
- Demonstrate various photographic procedures and techniques using a digital camera
- Explain features, differences and procedures of film camera
- Develop a working knowledge of various snapshot techniques depending on different situations
- Develop a working knowledge of the image production software

COURSE LEARNING OUTCOMES

By the end of the course, the students will be able to:

- **CLO1.** Explain concepts and principles of digital photography
- **CLO2.** Explain a digital camera and its types, features, mechanism and theory.
- **CLO3.** Apply working knowledge of camera modes, ISO settings, white balance, focus, exposure to digital photography
- **CLO4.** Explain how the film camera works and publish
- **CLO5.** Apply working knowledge of lighting, interior and composition
- **CLO6.** Apply various photography techniques according to the type of subject
- **CLO7.** Manipulate various image editing software for image production
- **CLO8.** Manipulate digital image sources for the various application areas

COURSE SYLLABUS

Week	Unit	Content	Related LO (chapter)	Proposed assignments
1	Principals of photography	<ul style="list-style-type: none"> • Definition of the photography • The development of the photography through the ages 	CLO1	
2	Digital cameras 1	<ul style="list-style-type: none"> • Digital camera basics • Camera types • Main parts of digital camera • Non-main parts 	CLO2	
3	Digital cameras 2	<ul style="list-style-type: none"> • How does a digital camera work? • Creating a digital image in a digital camera • The relation between light and image 	CLO2	



4	Lenses	<ul style="list-style-type: none"> Types of Lenses <ul style="list-style-type: none"> Wide lens Normal lens narrow lens Micro lens Fisheye lens 	CLO3	
5	Lenses function	<ul style="list-style-type: none"> Lenses and Focal Length The focus Aperture Lens aperture measurements Aperture and Depth of Field 	CLO3	
6	Shutter	<ul style="list-style-type: none"> The Shutter and the shutter Speeds Shutter Speed and motion Shutter Speed and depth of field Shutter Speed and speed of bodies Shutter and deferent seen 	CLO3	
7	Sensitive films, developing and printing	<ul style="list-style-type: none"> Definition of films Film sensitivity Types of films Specialized films The effect of lighting and development on film Chemicals used in the display process Practical ways to Photographic film development Methods for developing and enlarging images, and paper used in the printing process The magnification device, its main parts and the magnification steps 	CLO4	
8		Mid Exam		
9	LO5 Lighting	<ul style="list-style-type: none"> Introduction to lighting Light Measuring Instruments Found or Ambient Light Light colors and Intensity Light filters Introduced Light Indoor and outdoor photography 	CLO5	
10	LO5	<ul style="list-style-type: none"> The composition The rule of thirds 	CLO5	

	Composition in the image, framing	<ul style="list-style-type: none"> • The rule of thirds in landscape • The rule of thirds in portrait • The framing • Framing by foreground • Sharp and blur frame • Appropriate frame • The Aesthetic value of framing 		
11	Photography and its various types of applications 1	<ul style="list-style-type: none"> • Introduced Light • Background and Perspective • Landscapes • Wildlife 	CLO6	
12	Photography and its various types of applications 2	<ul style="list-style-type: none"> • Portrait photography in the studio • Photographing at different times • panorama photography • capturing at night • Micro photography 	CLO6	
13	Photography applications for editing and outputting them using various computer programs 1	<ul style="list-style-type: none"> • Applications by which the student shoots a group of images that serve a specific project in the field of graphic design, where he makes the necessary modifications using Photoshop to be used in the idea of the project or to create an imaginary scene through the processes of merging and modification. 	CLO7	
14	Photography applications for editing and outputting them using various computer programs 2	<ul style="list-style-type: none"> • Applications by which the student shoots a group of images that serve a specific project in the field of graphic design, where he makes the necessary modifications using Photoshop to be used in the idea of the project or to create an imaginary scene through the processes of merging and modification. 	CLO7	
15	Final projects	<ul style="list-style-type: none"> • Applying a final project by tacking pictures and use it in Advertising campaign. 	CLO8	
16		Final Exam		

The effectiveness of teaching in this course depends on making students familiar with the photographic process through direct practice of photography and dealing with a digital photographic camera, the use of light and its effects in creating scenes, modifying them according to the required technical specifications and using them in digital or print advertisements, and producing graphic projects based on Photography, and the use of images in advertising campaigns.

Teaching methods:

- Problem-solving skills: by employing the photographic image in situations that require a visual impact to solve some visual overlaps in graphic works.
- Exercising and practicing: by training students to take a photograph through the ability to adjust the camera's settings manually, and to produce artistic images with all its elements.
- Online research skills on topics related to course objectives and recent developments in the field of photography.
- Learning skills and adaptability: Developed by transferring students and reconfiguring work teams to enable them to adapt to other individuals from time to time.

ONLINE RESOURCES

- http://edit.educ.ttu.edu/site/jcheon/manual/Digital_Photography.pdf

ASSESSMENT TOOLS

Assessment Tools	%
Homework	5%
Report	5%
Quiz	10%
MID Exam	20%
Experience/Attendance/Participation	10%
Final Exam	50%
Total Marks	100%

THIRD: COURSE RULES

ATTENDANCE RULES

Attendance and participation are extremely important, and the usual University rules will apply. Attendance will be recorded for each class. Absence of 10% will result in a first written warning. Absence of 15% of the course will result in a second warning. Absence of 20% or more will result in forfeiting the course and the student will not be permitted to attend the final examination. Should a student encounter any special circumstances (i.e. medical or personal), he/she is encouraged to discuss this with the instructor and written proof will be required to delete any absences from his/her attendance records.

GRADING SYSTEM

Example:



Course Marks Average		
Average	Maximum	Minimum
Excellent	100%	90%
Very Good	89%	80%
Good	79%	70%
Satisfactory	69%	60%
Weak	59%	50%
Failed	49%	35%

REMARKS

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COURSE COORDINATOR

Course Coordinator		Department Head	
Signature		Signature	
Date		Date	