

ART 142: Introduction to Digital

Photography: Summer 2005

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CALENDAR

Daily. From 5/17 through 6/7, 2005
Final Presentation on 6/6.
Plan to attend and work during every class.

THE COURSE

Fundamentals of digital photography. Includes camera operations, exposure techniques, introduction to digital output, and theory of digital photography. Prerequisites: None.

Competencies:

1. Explain and use basic camera parts and their functions. (I)
2. Explain and use modes of exposure control. (II)
3. Describe and apply a variety of focusing controls. (III)
4. Describe the effects and purposes of different focal length lenses. (IV)
5. Use the electronic flash in a variety of applications. (V)
6. Use white balance to control color. (VI)
7. Produce photographs using basic camera handling techniques. (VII)
8. Describe presentation methods as they apply to digital photographic imagery. (VIII)
9. Demonstrate an understanding of photographic aesthetics to produce digital images. (IX)

TEXT

Mastering Digital Photography byt David D. Bush ISBN: # 1592001149

SPECIAL NOTES: This syllabus is subject to additions, deletions, and changes dependent upon student and course needs

COURSE REQUIREMENTS

1. Participate in all class activities (worth 20% of grade).
2. Complete reading and research assignments.
3. Complete projects.
4. Prepare and present work in a professional manner

GRADING*

Each student will be evaluated on the extent of:

1. Participation in all activities/presentations/demonstrations/critiques
2. Completion of reading, writing, and research assignments
3. Application of ideas presented in the course to activities in class and class original assignments
4. Submission of assigned projects in a digital portfolio (projects will be graded on creativity and application of technical and artistic concepts)

SUPPLIES

In addition to the required text, it is necessary for students to have the following items:

1. Digital Camera
2. One or more media disk for digital images (SmartMedia, Zip, CD-ROM)
3. Notebook and pencil/pens

LEARNING CENTER OPPORTUNITIES

Learning Center Building Phone: 285-7477 V/TDD
Disability Support Services office coordinates services which will ensure students with disabilities equal access to college programs. Services include tutors, interpreters for the deaf/hearing impaired. Notetakers, readers, testing accommodations, elevator keys, and adaptive equipment.

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CLASSROOM: Various locations in Ireland including Charlemore Castle, Tullemore, County Offally from 5/19 through 6/6.

MEETINGS:

5/17

Travel from Phoenix, Arizona to Dublin, Ireland

HW: Book Ch 1, Ch 2, Ch 3, and 4 pp. 3 - 116 for 5/19

5/18

Discussion: camera parts, controls and file formats

Evening Lecture by Dudley Stewart on local culture, history and Charleville Castle

HW: Read book Ch. 7 Scenic Photography pp 195-224

Complete diagram handout labeling of camera parts .

5/19

Free day, local exploration
Photograph on your own..

5/20

Discussion: Scenic photography

Bog train tour of bogs

Motorcoach to Clonmacnoise Monastic Site

Tour led by Dudley Stewart

River Launch from Clonmacnoise to Banagher

Discussion of sites and history

Photography Assignment 1: Scenic Clonmacnoise

HW: Read book Ch. 5 and 6 pp. 117 - 163

5/21

Discussion: Action and People photography

Local artisans, musicians, dancers at Charleville

Welcome Celebration and dinner

Photography Assignment 2: Action and People

5/22

Castle Orientation

Tour of interior and exterior of Castle

Tour of grounds

Exploration of Druid grotto

Discussion: File formats, controls

Photography Assignment 3: Druid grotto

HW: Read book Ch. 8 pp. 225-250

5/23 - 5/26

Classes daily at Charleville Castle

Discussion: Architecture Photography

Photography Assignment 4: Charleville Castle

5/27 - 5/29

Free days to explore.

HW Photography Assignment 5: Freelance

read book Ch. 9 pp 251-284

5/30 - 6/1

Classes daily at Charleville Castle

Discussion: Macro Photography

Photography Assignment 5: Macro photos

6/2

Leave for 4 day tour of Western Ireland, Galway, Connemarra, Westport, Cork , Kilarney, Ring of Kerry

HW: Continue photography.

6/6

Day: Last day for archiving work.

Closing discussion.

PM: Awards and project presentation and critiques

6/7

AM: Motorcoach to Shannon for return flight to Phoenix

RECAP: points

Diagram _____ **50**

Scenic _____ **200**

Action/People _____ **100**

Grotto _____ **50**

Architecture _____ **200**

Macro _____ **100**

Freelance _____ **100**

Discussion/participation

Attendance _____ **200**

Total _____ **1000**

Final Project

DVD of all files ready for publication. Projects will be critiqued on final evening.

Portfolio

The course portfolio will consist of digital files of photographs selected to represent the different areas and concepts covered, along with written reflection on each area.

Grades: 90-100% = A, 80-89% = B, 70-79% = C, 65-69% = D, 64% and below = F.

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ART142 20042-99999 Introduction to Digital
Photography

I. Cameras and Their Functions

- A. Camera operation
- B. Memory cards
- C. Resolution, file size and image quality II.

Exposure Control

- A. Manual
- B. Automatic
- C. Exposure value (E.V.) settings III. Focusing

Controls

- A. Manual
- B. Fixed
- C. Automatic
- D. Depth of field IV. Lenses

A. Define focal length

B. Perspective

C. Angle of view

D. Zoom V. Electronic Flash

A. Built-in flash (automatic)

B. Dedicated

C. Fill flash VI. White Balance and Color

A. Color temperature and light

B. White balance correction VII. Special

Shooting Techniques

A. Available light

B. Close-up

C. Point of view

D. On-site editing VIII. Exhibition Methods for

Digital Photographs

A. Web page display

B. E-mail distribution

C. Printed output IX. Photographic Aesthetics

A. Introduction to history of photography as a
cultural form

B. Principles of design

C. Fundamentals of the photographic frame

D. Criticism and discussion