

Digital Photography: Course Syllabus

Digital Photography I: Creating Images with Impact!

COURSE DESCRIPTION:

In the digital photography course, students will learn creative photographic skills and processes. Students will build a portfolio of work and explore the fields of photography and graphic arts.

Unit 1: Introduction to Photography

Objectives:

Upon completion of this unit, you will be able to:

- * **Discuss how cameras work.**
- * **Learn what happens inside the camera when you take a picture.**
- * **Investigate how an image is created by the camera.**
- * **Learn some of the basic terminology for photography and cameras.**
- * **Examine how a simple pinhole camera can be constructed at home.**

ASSIGNMENTS:

Introduction to Photography: Unit Text Questions	Homework	10 points
Introduction to Photography: Online Digital Photography Lab Questions	Homework	10 points
Introduction to Photography: Photography Assignment	Homework	15 points

Unit 1 Discussion Assignment 1	<i>Discussion</i>	5 points
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Unit 1 Discussion Assignment 2	<i>Discussion</i>	5 points
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Unit 1 Quiz – Introduction to Photography	<i>Quiz</i>	15 points
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Unit 2: The History of Photography

Objectives:

Upon completion of this unit, you will be able to:

- * **Discuss the usage of pinhole cameras and how they were used before modern photography.**
- * **Discuss the development of the first camera in the early nineteenth century.**
- * **Investigate some of the advances that were made to cameras and photograph production through the nineteenth and early twentieth centuries.**
- * **Examine the development of digital cameras.**
- * **Discuss the changes in the stock image industry.**

ASSIGNMENTS:

The History of Photography: Unit Text Questions	<i>Homework</i>	10 points
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The History of Photography: Online Digital Photography Lab Questions	<i>Homework</i>	10 points
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The History of Photography: Photography Assignment	<i>Homework</i>	15 points
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Unit 2 Discussion Assignment 1	<i>Discussion</i>	5 points
Unit 2 Discussion Assignment 2	<i>Discussion</i>	5 points
Unit 2 Quiz – The History of Photography	<i>Quiz</i>	15 points

Unit 3: Aperture & Shutter Speed

Objectives:

Upon completion of this unit, you will be able to:

- * **Understand aperture and shutter speed.**
- * **Discuss how different aperture and shutter speed settings can influence a photograph.**
- * **Examine how aperture and shutter speed settings influence each other.**
- * **Investigate some of the common camera modes.**
- * **Discuss how aperture and shutter speed can be used to create nighttime photographs.**

ASSIGNMENTS:

Aperture & Shutter Speed: Unit Text Questions	<i>Homework</i>	10 points
Aperture & Shutter Speed: Online Digital Photography Lab Questions	<i>Homework</i>	10 points
Aperture & Shutter Speed: Photography Assignment	<i>Homework</i>	15 points

Unit 3 Discussion Assignment 1	<i>Discussion</i>	5 points
Unit 3 Discussion Assignment 2	<i>Discussion</i>	5 points
Unit 3 Quiz – Aperture & Shutter Speed	<i>Quiz</i>	15 points

Unit 4: Composition

Objectives:

Upon completion of this unit, you will be able to:

- * **Discuss composition and how it applies to photographs.**
- * **Examine some of the common “rules” of photography composition.**
- * **Investigate how the “rules” can improve photographs.**
- * **Discuss how and when to break the “rules” of photography composition.**

ASSIGNMENTS:

Composition: Unit Text Questions	<i>Homework</i>	10 points
Composition: Online Digital Photography Lab Questions	<i>Homework</i>	10 points
Composition: Photography Assignment	<i>Homework</i>	15 points
Unit 4 Discussion Assignment 1	<i>Discussion</i>	5 points
Unit 4 Discussion Assignment 2	<i>Discussion</i>	5 points

Unit 4 Quiz – Composition**Quiz**15 points

Unit 5: Lighting**Objectives:**

Upon completion of this unit, you will be able to:

- * **Discuss the importance of light when taking photographs.**
- * **Examine the advantages and disadvantages of natural and artificial lighting.**
- * **Investigate some tips and techniques for using light in outdoor photographs.**
- * **Learn about the lighting equipment and accessories for studio photography.**
- * **Discuss some tips and techniques for studio lighting.**

ASSIGNMENTS:**Lighting: Unit Text Questions****Homework**10 points

Lighting: Online Digital Photography Lab Questions**Homework**10 points

Lighting: Photography Assignment**Homework**15 points

Unit 5 Discussion Assignment 1**Discussion**5 points

Unit 5 Discussion Assignment 2**Discussion**5 points

Unit 5 Quiz – Lighting**Quiz**15 points

Digital Photography Midterm Exam**Objectives:**

Upon completion of this unit, you will be able to:

- * **Review information acquired and mastered from this course up to this point.**
- * **Take a course exam based on material from the first five units in this course (Note: You will be able to open this exam only one time.)**

ASSIGNMENT:**Digital Photography Midterm Exam****Exam****50 points**

Midterm Discussion Assignment**Discussion**5 points

Unit 6: Special Techniques**Objectives:**

Upon completion of this unit, you will be able to:

- * **Discuss the use of filters in photography.**
- * **Examine the fundamentals of black and white photography.**
- * **Learn some tips to help improve black and white photographs.**
- * **Investigate how to create panoramic photographs.**
- * **Learn tips and techniques for capturing firework photographs.**

ASSIGNMENTS:

Special Techniques: Unit Text Questions	Homework	10 points
Special Techniques: Online Digital Photography Lab Questions	Homework	10 points
Special Techniques: Photography Assignment	Homework	15 points
Unit 6 Discussion Assignment 1	Discussion	5 points
Unit 6 Discussion Assignment 2	Discussion	5 points
Unit 6 Quiz – Special Techniques	Quiz	15 points

Unit 7: People

Objectives:

Upon completion of this unit, you will be able to:

- * **Discuss portrait photography.**
- * **Examine tips on taking portraits.**
- * **Learn tips and techniques for photographing children.**
- * **Investigate how to take group photographs.**
- * **Discuss some of the arrangements that can be used for large group formal photographs.**

ASSIGNMENTS:

People: Unit Text Questions	Homework	10 points
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People: Online Digital Photography Lab Questions	Homework	10 points
People: Photography Assignment	Homework	15 points
Unit 7 Discussion Assignment 1	Discussion	5 points
Unit 7 Discussion Assignment 2	Discussion	5 points
Unit 7 Quiz – People	Quiz	15 points

Unit 8: Landscapes & Places

Objectives:

Upon completion of this unit, you will be able to:

- * **Learn about the different types of landscape photography.**
- * **Discuss some of the challenges in taking landscape photographs.**
- * **Examine some general tips for taking landscape photographs.**
- * **Discuss the importance of focal points in landscape photography.**
- * **Investigate how to approach different types of landscapes.**

ASSIGNMENTS:

Landscapes & Places: Unit Text Questions	Homework	10 points
Landscapes & Places: Online Digital	Homework	10 points

Photography Lab Questions

Landscapes & Places: Photography Assignment

Homework

15 points

Unit 8 Discussion Assignment 1

Discussion

5 points

Unit 8 Discussion Assignment 2

Discussion

5 points

Unit 8 Quiz – Landscapes & Places

Quiz

15 points

Unit 9: The Close-Up

Objectives:

Upon completion of this unit, you will be able to:

- * **Understand how macro photography is by photographers.**
- * **Discuss different equipment and accessory options to use in creating macro photographs.**
- * **Discuss the basic techniques of macro photography.**
- * **Investigate some popular topics for macro photography.**
- * **Examine how best to take macro photographs of flowers and insects.**

ASSIGNMENTS:

The Close-Up: Unit Text Questions

Homework

10 points

The Close-Up: Online Digital Photography Lab Questions

Homework

10 points

The Close-Up: Photography

Assignment	Homework	15 points
Unit 9 Discussion Assignment 1	Discussion	5 points
Unit 9 Discussion Assignment 2	Discussion	5 points
Unit 9 Quiz – The Close-Up	Quiz	15 points

Unit 10: Documentary & Action

Objectives:

Upon completion of this unit, you will be able to:

- * **Discuss tips and techniques for taking sports photographs.**
- * **Understand the basics for the technique of panning moving subjects.**
- * **Discuss tips on photographing pets.**
- * **Examine wildlife photography and the basics of capturing wildlife on “film.”**
- * **Investigate documentary photography and how best to approach this area of photography.**

ASSIGNMENTS:

Documentary & Action: Unit Text Questions	Homework	10 points
Documentary & Action: Online Digital Photography Lab Questions	Homework	10 points
Documentary & Action: Photography Assignment	Homework	15 points

Unit 10 Discussion Assignment 1***Discussion***5 points

Unit 10 Discussion Assignment 2***Discussion***5 points

Unit 10 Quiz – Documentary & Action***Quiz***15 points

Digital Photography Final Exam**Objectives:**

Upon completion of this unit, you will be able to:

*** Review information acquired and mastered from this course up to this point.***** Take a course exam based on material from units six to ten in this course – the last five units. (Note: You will be able to open this exam only one time.)****ASSIGNMENT:****Digital Photography Final Exam*****Exam*****50 points**

**Class Reflection Discussion
Assignment*****Discussion***

10 points