

**ITT Technical Institute**  
**GC1320**  
**Advanced Photoshop**  
**Onsite Course**

**SYLLABUS**

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**Credit hours:** 4.5

**Contact/Instructional hours:** 56 (34 Theory Hours, 22 Lab Hours)

**Prerequisite(s) and/or Corequisite(s):**

Prerequisites: GC1220 Fundamentals of Typography or equivalent

**Course Description:**

This course focuses on image manipulation and utilizing existing images to create new and unique compositions in a digital framework.

## Where Does This Course Belong?

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This course is a basic Introduction to Design course that serves the Graphic Communications and Design Program in the School of Drafting and Design. It is meant to be an advanced course in Adobe Photoshop.



## Course Summary

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### Major Instructional Areas

1. Editing of design compositions using Graphic Design principles
2. Use of hierarchy, proportion, and scale for creating typographic designs
3. Advanced image composition and manipulation techniques
4. Advanced Photoshop CS5 techniques for creating unique design compositions
5. Portfolio

### Course Objectives

1. Demonstrate advanced design composition skills using the principles and elements of a graphic design.
2. Demonstrate an understanding between different Photoshop tools.
3. Create design compositions using appropriate graphic design software.
4. Demonstrate an effective union between type and imagery.
5. Create designs using the graphic space in image compositions.
6. Incorporate specialized effects in visual compositions, adhering to the principles of good typographic and visual designs.
7. Create a digital portfolio demonstrating effective use of Photoshop techniques.
8. Complete the Student Professional Experience.

## Learning Materials and References

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## Required Resources

Textbook Package	New to this Course	Carried over from Previous Course(s)	Required for Subsequent Course(s)
Dayley, L, and Dayley, B. (2010). <i>Photoshop® CS5 Bible</i> . Indianapolis, IN: Wiley Publishing, Inc.	■		
Software Application Adobe Photoshop CS5		■	

## Recommended Resources

### Internal

- ITT Tech Virtual Library:  
<http://myportal.itt-tech.edu/library/Pages/HomePage.aspx>.
- Faculty Collaboration Portals:  
<http://myportal.itttech.edu/employee/dept/curriculum/FC/default.aspx>.
- Curriculum Database:  
<http://myportal.itt-tech.edu/faculty/cdb/Pages/default.aspx>.

### External

- **Books**
  - **Books> Ebrary**  
Hashimoto, Alan. *Visual Design Fundamentals: A Digital Approach*. Hingham, Massachusetts: Charles River Media, 2003.
- **Periodicals**
  - **DIGITAL WEB MAGAZINE**  
"Principles and Elements of Design." By: David McClurg-Genevese, Joshua. *Digital Web Magazine*, April 17, 2006.  
  
"The Elements of Design." By: David McClurg-Genevese, Joshua. *Digital Web Magazine*, August 15, 2005.  
  
"The Principles of Design." By: David McClurg-Genevese, Joshua. *Digital Web Magazine*, June 13, 2005.

- **Professional Associations:**

- <http://www.graphicartistsguild.org/>  
The Graphic Artists Guild Web site is maintained by a national union of illustrators, designers, Web creators, production artists, surface designers, and other creative people. These people have come together to pursue common goals, share their experiences, raise industry standards, and improve the ability of visual creators to achieve satisfying and rewarding careers.
- <http://www.aiga.org/>
  - The Professional Association for Graphic Designers Web site is the place where design professionals exchange ideas and information and participate in critical analysis and research, advance education, and ethical practice.
- <http://www.adobe.com/>
  - The Adobe Web site provides software support, tutorials, tips, and user groups to Adobe product users.

- **Professional Portals:**

- <http://www.graphicartistsguild.org/>  
The Graphic Artists Guild Web site is maintained by a national union of illustrators, designers, Web creators, production artists, surface designers, and other creative artists.
- <http://www.morguefile.com/>  
This is a royalty free image site.
- <http://www.squidoo.com/colorexper>  
Various color meanings can be found here.
- <http://www.faludi.com/2005/09/25/three-manipulated-images/>  
Altered images can be found here.
- [www.123rf.com](http://www.123rf.com)  
This is a royalty-free image site.

**NOTE:** All links to Web references are subject to change without prior notice.

## Information Search

Use the following keywords to search for additional online resources that may be used for supporting your work on the course assignments:

- Graphic Design
- Photoshop
- Hierarchy
- Proportion
- Scale
- Image Composition

**NOTE:** All links are subject to change without prior notice.

## Course Plan

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### Suggested Learning Approach

In this course, you will be studying individually and within a group of your peers. As you work on the course deliverables, you are encouraged to share ideas with your peers and instructor, work collaboratively on projects and team assignments, raise critical questions, and provide constructive feedback.

Use the following advice to receive maximum learning benefits from your participation in this course:

DO	DON'T
<ul style="list-style-type: none"><li>▪ Do take a proactive learning approach</li><li>▪ Do share your thoughts on critical issues and potential problem solutions</li><li>▪ Do plan your course work in advance</li><li>▪ Do explore a variety of learning resources in addition to the textbook</li><li>▪ Do offer relevant examples from your experience</li><li>▪ Do make an effort to understand different points of view</li><li>▪ Do connect concepts explored in this course to real-life professional situations and your own experiences</li></ul>	<ul style="list-style-type: none"><li>▪ Don't assume there is only one correct answer to a question</li><li>▪ Don't be afraid to share your perspective on the issues analyzed in the course</li><li>▪ Don't be negative about the points of view that are different from yours</li><li>▪ Don't underestimate the impact of collaboration on your learning</li><li>▪ Don't limit your course experience to reading the textbook</li><li>▪ Don't postpone your work on the course deliverables – work on small assignment components every day</li></ul>

**Course Outline****Unit 1: Review of Photoshop Basics**

Upon completion of this unit, the students are expected to:

- Use basic Photoshop skills
- Demonstrate a working knowledge of the Photoshop workspace
- Describe image resolution (print vs. web usage)
- Explain the different file formats

READING ASSIGNMENT	GRADED ACTIVITIES / DELIVERABLES		
	Grading Category	Activity/Deliverable Title	Grade Allocation (% of all graded work)
Dayley, Chapters 1-3	Assignment	Unit 1. Assignment 1. Image Resolution: Print vs. Web	3%
	Lab	Unit 1. Lab 1. Application of Basic Tools	3%
	Exercise	Unit 1. Exercise 1. Event Flyer	3%
	Student Professional Experience	Project 1 Part 1: (ePortfolio)	5%

**Unit 2: Color Usage**

Upon completion of this unit, the students are expected to:

- Describe Color Modes (RGB, CMYK, Index color – Print vs. Web)
- Explain Grayscale vs. Black and White
- Use Channels

READING ASSIGNMENT	GRADED ACTIVITIES / DELIVERABLES		
	Grading Category	Activity/Deliverable Title	Grade Allocation (% of all graded work)
Dayley, Chapter 4	Lab	Unit 2. Lab 1. Changing Color Modes	3%
		Unit 2. Lab 2. Using Channels	3%
	Exercise	Unit 2. Exercise 1. Poster Design	3%

**Unit 3: Painting Techniques**

Upon completion of this unit, the students are expected to:

- Use Photoshop's painting tools
- Create custom brushes
- Demonstrate proficiency of Photoshop's drawing/painting effects
- Use patterns and gradients

READING ASSIGNMENT	GRADED ACTIVITIES / DELIVERABLES		
	Grading Category	Activity/Deliverable Title	Grade Allocation (% of all graded work)
Dayley, Chapter 16	Lab	Unit 3. Lab 1. Brushes	2%

		Unit 3. Lab 2. Creating a Custom Gradient	2%
	Exercise	Unit 3. Exercise 1. Perfume Ad	3%

#### **Unit 4: Retouching Images**

Upon completion of this unit, the students are expected to:

- Use Photoshop's restoration tools
- Touch up images
- Restore photographs
- Demonstrate how to step backwards

READING ASSIGNMENT	GRADED ACTIVITIES / DELIVERABLES		
	Grading Category	Activity/Deliverable Title	Grade Allocation (% of all graded work)
Dayley, Chapters 5 & 15	Lab	Unit 4. Lab 1. Image Repair and Restoration	2%
	Quiz	Unit 4. Quiz 1	2%

#### **Unit 5: Making Selections and Using Paths**

Upon completion of this unit, the students are expected to:

- Use Photoshop's selection tools
- Demonstrate how to feather
- Make selections
- Create and use paths

READING ASSIGNMENT	GRADED ACTIVITIES / DELIVERABLES		
	Grading Category	Activity/Deliverable Title	Grade Allocation (% of all graded work)
Dayley, Chapters 9 & 17, pp. 547-567	Lab	Unit 5. Lab 1. Selections	2%
		Unit 5. Lab 2. Making Paths	2%
	Exercise	Unit 5. Exercise 1. Online Catalog Page	3%

#### **Unit 6: Masks**

Upon completion of this unit, the students are expected to:

- Explain the purpose of masks
- Create and use Quick Masks
- Apply Gradient Masks to an image
- Apply Automatic Masks to an image
- Create and use masking channels

READING ASSIGNMENT	GRADED ACTIVITIES / DELIVERABLES		
	Grading Category	Activity/Deliverable Title	Grade Allocation (% of all graded work)
Dayley, Chapter 17, pp. 568-582 and Chapter 26,	Lab	Unit 6. Lab 1. Quick Masks	3%
		Unit 6. Lab 2. Gradient Masks	3%
	Exercise	Unit 6. Exercise 1. CD Cover	3%

<i>pp. 831-837 and pp. 852-853.</i>			
<b>Unit 7: Filters</b>			
Upon completion of this unit, the students are expected to:			
<ul style="list-style-type: none"> <li>• Describe the types of filters</li> <li>• Explain the use of smart filters</li> <li>• Create a layered effect using filters</li> <li>• Explain the terms, “Noise” and “Noise reduction” and the implications for images</li> </ul>			
<b>READING ASSIGNMENT</b>	<b>GRADED ACTIVITIES / DELIVERABLES</b>		
	<b>Grading Category</b>	<b>Activity/Deliverable Title</b>	<b>Grade Allocation (% of all graded work)</b>
Dayley, Chapter 20	Lab	Unit 7. Lab 1. Using Smart Filters	3%
	Exercise	Unit 7. Exercise 1. Trade Show Booth Graphics	3%
	Quiz	Unit 7. Quiz 1	2%

<b>Unit 8: Special Effects</b>			
Upon completion of this unit, the students are expected to:			
<ul style="list-style-type: none"> <li>• Explain how to apply Photoshop filters</li> <li>• Apply custom filters to an image</li> <li>• Use and create patterns</li> </ul>			
<b>READING ASSIGNMENT</b>	<b>GRADED ACTIVITIES / DELIVERABLES</b>		
	<b>Grading Category</b>	<b>Activity/Deliverable Title</b>	<b>Grade Allocation (% of all graded work)</b>
Dayley, Chapter 19	Assignment	Unit 8. Assignment 1. Appropriate Use of Filters	3%
	Lab	Unit 8. Lab 1. Photoshop Transformation Effects	3%
	Exercise	Unit 8. Exercise 1. Event Flyer	3%

<b>Unit 9: Layers</b>			
Upon completion of this unit, the students are expected to:			
<ul style="list-style-type: none"> <li>• Create layers in Photoshop</li> <li>• Use layers to create an image</li> <li>• Use Smart Objects to create an image</li> <li>• Demonstrate the use of Transformations</li> <li>• Describe how to use Layer masks</li> <li>• Describe how to use Layer comps</li> </ul>			
<b>READING ASSIGNMENT</b>	<b>GRADED ACTIVITIES / DELIVERABLES</b>		
	<b>Grading Category</b>	<b>Activity/Deliverable Title</b>	<b>Grade Allocation (% of all graded work)</b>
Dayley, Chapter 10	Lab	Unit 9. Lab 1. Using Layers	3%



		Unit 9. Lab 2. Layer Comps	3%
	Exercise	Unit 9. Exercise 1. Creating a Home Page	3%
<b>Unit 10: Working with 3D Images</b>			
Upon completion of this unit, the students are expected to:			
<ul style="list-style-type: none"> <li>• Describe how to use 3D Images in Photoshop</li> <li>• Manipulate 3D Images</li> <li>• Edit 3D Images</li> <li>• Create a digital portfolio demonstrating effective use of Photoshop techniques.</li> </ul>			
<b>READING ASSIGNMENT</b>	<b>GRADED ACTIVITIES / DELIVERABLES</b>		
	<b>Grading Category</b>	<b>Activity/Deliverable Title</b>	<b>Grade Allocation (% of all graded work)</b>
Dayley, Chapters 22, 23, 24	Lab	Unit 10. Lab 1. Using Repoussé to Create a 3D Object	3%
	Exercise	Unit 10. Exercise 1. Tools	3%
	Quiz	Unit 10. Quiz 1	2%

<b>Unit 11: Course Review, Portfolio, and Final Examination</b>			
<b>READING ASSIGNMENT</b>	<b>GRADED ACTIVITIES / DELIVERABLES</b>		
	<b>Grading Category</b>	<b>Activity/Deliverable Title</b>	<b>Grade Allocation (% of all graded work)</b>
Dayley, Review of all chapters	Portfolio	Unit 11. Portfolio 1. Final Portfolio	6%
	Exam	Unit 11. Final Exam	10%

## Evaluation and Grading

### Evaluation Criteria

The graded assignments will be evaluated using the following weighted categories:

Category	Weight
Assignment	6%
Lab	40%
Quiz	6%
Exercise	27%
Portfolio	6%
Exam	10%
Student Professional Experience	5%
<b>TOTAL</b>	<b>100%</b>

### Grade Conversion

The final grades will be calculated from the percentages earned in the course, as follows:

Grade	Percentage	Credit
A	90–100%	4.0
B+	85–89%	3.5
B	80–84%	3.0
C+	75–79%	2.5
C	70–74%	2.0
D+	65–69%	1.5
D	60–64%	1.0
F	<60%	0.0

## **Academic Integrity**

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All students must comply with the policies that regulate all forms of academic dishonesty, or academic misconduct, including plagiarism, self-plagiarism, fabrication, deception, cheating, and sabotage. For more information on the academic honesty policies, refer to the Student Handbook and the Course Catalog.

*(End of Syllabus)*