

ARTS 171 is a hands-on course utilizing Apple Macintosh computers to provide the student with an introductory understanding of Adobe Photoshop CS5 image manipulation software. The course will expose students to computer manipulation of a variety of images, scanning, resolution, and color issues. Basic design skills and foundational color knowledge are necessary for enrollment.

Prerequisites: ARTS 102 and basic computer experience (Macintosh or PC; if you are new to the Mac, please go to <http://www.apple.com/support/mac101/> to go through the tour and tutorial)

Materials: 3-hole notebook, USB Flash Drive, one or more blank CD-RW or DVD disks for back up

Textbook: Adobe Photoshop CS5 One-on-One, by Deke McClelland, ISBN 978-0-596807979 \$49.99 (Available online as well as at local bookstores.) *Please bring this book to each class session.*

Course Pack: ARTS 171 Digital Imaging: available at the "Hole in the Hall" book store for \$9

Attendance: **Class attendance is mandatory.** If a class is missed, the instructor **must be notified.** If a student misses sequential sessions without notification, they may be dropped. Because of the teaching method, **being on time for class is required.** Class begins promptly at 10 minutes after the hour.

Office Hours: I don't have an office so it's by appointment. I will try to make myself available at your convenience.
Courtesy: **You are too important to be interrupted during this class!** All electronic devices must be **OFF** in the classroom at all times: this includes cell phones and ipods/earphones. Do not access e-mail or text messaging in class. During lectures/demos students must put computers in sleep mode to avoid distraction. Recording of any part of lectures must be approved by the instructor.

Projects: There are 6 hands-on, graded projects for this course. Each project will expand the student's knowledge of an important aspect of Photoshop CS5. Web sites that may be useful for obtaining some images for this class are "the StockXchange" at www.sxc.hu/ (royalty free photos) and <http://free-stockphotos.com/>. Students are encouraged to scan or shoot their own digital photos as well.

Exams and Evaluation: There is a midterm exam and a final exam. Projects are graded on application of subject matter, appropriate use of the software and creativity.

Late work: All work is due on the dates in this outline unless stated otherwise in class. Project digital files must be turned in to the File Server on the date listed in this outline. Late projects lose 5 points late per class day late, and are not accepted for credit after the 3rd class day late.

Homework: The lessons in the textbook contribute 100 points to the grade. Most homework will be completed outside of class during lab time (or on your own computer if you have Photoshop CS5). Students will submit homework files to a server during class. Lessons usually have several parts. A handout on the naming procedure for lessons/what is turned in is in the course pack. Answer questions at the end of each textbook lesson to study for the mid-term and final exams.

Preferences: NOTE: before starting a new file/lesson in Photoshop, delete the Photoshop preferences by pressing Shift/Control/Option/Command while pointing and holding on the Photoshop icon in the dock and choosing "Open": this will be demonstrated in class.

Instruction: Class time is used for new material/demos of concepts from the book/videos. Material will come from the textbook and course pack sources. Always use the **same** computer in the classroom during each class period; there will be a place to save current files on the hard drive of the computer used in class.

Lab Time: Students must plan to attend lab time in addition to class time. *Note that lab time is for homework and completion of projects; lab aides aren't instructors, don't expect them to answer class questions.*

Course Outline: Week 1: **Tue. Jun. 7:** Go over course outline and course materials, brief review of classroom computer use, online learning resources for the Macintosh Computer, and overview of the type of projects the course will cover (pgs. 21-23 course pack). Video overview. **Homework:** Read through semester beginning handouts and book preface "How One-on-One Works"

Using the Adobe Bridge plus brief overview of Photoshop's potential; each student will create a "home" folder to contain homework lessons and projects.

Thu. Jun. 9: Photoshop's image window: file/display size (8-9 and 58 book), using Help, etc. Photoshop tools, menus, (4 and 5 course pack) commands, palettes, opening/saving files, file naming conventions (24 course pack) and file types (7 course pack). **Homework:** Do Lesson 1 in textbook, complete it to upload to server as homework next class period. **Watch Video 1 in class.**

Discussion/demo of external Adobe Photoshop CS5 resources (pg. 3 course pack). Overview of Photoshop Levels, Curves, Shadow, Highlight commands and an image's Histogram, brief PP show (pgs 200-201 book).

Week 2: **Tue. Jun 14:** Intro to Project 1, Scanning, demonstration and explanation of learning outcomes. **Homework:** Lesson 2 completed, submit to server next class. **Watch Video 2 in class.**

	<p>Further information on Project 1 Scanning and the concepts surrounding selecting and modifying elements in Photoshop (<i>pg. 6 course pack</i>) Watch Video 3</p> <p>Thu. Jun, 16: Supplemental issues on color, color models and image correction in Photoshop (<i>pg. 185 book</i>). Homework: Lesson 3 in textbook completed, submit to server.</p>
Week 3:	<p>Info on refinement with brushes and retouching tools. (<i>pgs 9-12 course pack</i>). Watch Video 4</p> <p>Tue. Jun, 21: Project 1 due in file server by end of class. Brief introduction to Project 2, Image and Color Correction. Homework: Lesson 4 completed, submit to server, read Lesson 12 (<i>pgs 421-422</i>) on color and printing.</p> <p>Brief critique of Project 1 files on overhead. Discussion and demonstration of techniques for use in Project 2. Watch Video 5</p> <p>Thu. Jun, 23: Sizing, cropping and fixing the frame of a photograph. Dodging and Burning to help control exposure problems (<i>pg. 19-20 course pack</i>) Homework: Lesson 5 in textbook completed, submit to server.</p>
Week 4:	<p>Editing, painting and using the healing brush in Photoshop. Bit depth issues discussed (<i>pg. 14 course pack</i>). Watch Video 6</p> <p>Tue. Jun 28: Intro to Project 3, Colorizing Black and White Line Art. Project 2 due in file server by end of class today. Homework: Lesson 6 in textbook completed, submit to server; study for mid-term exam: go over "What Did You Learn?" Chapter ending questions for Lessons 1-6 and handouts.</p> <p>Brief critique of Project 2 files. Discussion and demo of saving for web conventions (<i>pg. 8 course pack</i>). Additional information and resources for Project 3 discussed, overview of study sheet for mid-term exam for next class.</p> <p>Thu. Jun, 30: Mid semester exam over Lessons 1-6. Homework: Work on Project 3 and current homework from textbook.</p>
Week 5:	<p>Creating and applying masks in Photoshop. Watch Video 7</p> <p>Tue. Jul, 5: Masking selections, contd. Intro to Project 4, Layers. Project 3 due in file server by end of class today. Homework: complete Lesson 7 in textbook, submit to server.</p> <p>Brief critique of Project 3 files on overhead. Watch Video 8</p> <p>Thu. Jul, 7: Sharpening the focus of Photoshop images (<i>pg. 12 course pack and pgs. 224-225 book</i>). Homework: Lesson 8 in textbook completed, submit to server.</p>
Week 6:	<p>Building complex layered compositions in Photoshop (<i>pg. 15-16 course pack, pg. 171 book</i>). Watch Video 9</p> <p>Tue. Jul, 12: Using the Photoshop pen tool, making clipping paths/masks. Homework: Lesson 9 in textbook completed, submit to server.</p> <p>Introduction and demo, Project 5, Photoshop Type Effects. Watch Video 10</p> <p>Thu. Jul, 14: Using type and shapes in Photoshop. Project 4 due in file server by end of class today. Homework: Lesson 10 in textbook completed, submit to server.</p>
Week 7:	<p>Brief critique of Project 4. Advanced skills with layer styles and adjustment layers. Introduction to Final Project 6, Who Am I/Make it Real.</p> <p>Tue. Jul, 19: Work day on final project Watch Video 11.</p> <p>Final Project 6 paperwork instructions, continued. Homework: Lesson 11 in textbook completed, submit to server.</p> <p>Thu. Jul, 21: Printing image files, do's and don't's. Project 5 due in file server by end of class today. Homework: Lesson 12 in textbook completed, submit to server. Watch Video 12</p>
Week 8:	<p>Critique of Project 5 files; Final Project work session, review for final exam.</p> <p>Tue. Jul, 26: Final exam at beginning of class. Homework: Continue, finish final project; complete all lessons and submit to server by next class period.</p> <p>All final projects due on server at end of class.</p> <p>Thu. Jul, 28: Final class period, all final projects returned; critique final projects on overhead and print to the color printer in the classroom if desired.</p>

Please note: this is the instructor outline for the course. For **ARTS 171 Learning Outcomes**, please see the official LCC ARTS 171 CG Digital Imaging course syllabus online at www.lcc.edu.