

ARTC 1402 Digital Imaging I

Class Outline/Calendar (Based upon lessons in CS 4 book; lesson numbers vary in CS 3 book.)

Weeks	Outline—Lecture Demonstration Topics	Student Activities
Week 1 Days 1 to 2 Intro	Overview of course: Syllabus, course outline, student information sheets and introductions. Software, equipment. Review OS X Interface & ACC Lab Setup. Set up student folders. Getting Started Overview. Lesson 1 CS 4: Getting to Know the Photoshop Work Area Topics: Tool Palette, Options, Shortcuts; Working with Panels (Palettes-grouping, moving, expanding, options); Foreground/ Background; Zoom; Reset Default Preferences; Intro Bridge; HELP menu. Additional: Navigator, Views, Zoom with hand vs. magnifier, Graphics File Formats. Contact sheets.	Lesson 1 Practice: File Formats Native, JPEG, Tiff, other; Contact Sheet
Week 2 Day 3	Quiz 1 Photoshop Interface, Navigation and File Formats	Quiz 1
Weeks 2-3 Days 3 to 6 Image Size and Scan; Editing	Lesson 2 CS 4: Basic Photo Correction Topics: Color RGB vs. CMYK; Resolution Monitor & Image Size (Pixel Size and Image View); Halftone Screen (LPI frequency); Resolution for Output; Crop/Straighten Canvas Size; Auto vs. Manual; Histogram, Levels using Adjustment Layers Panel (Shadows, Gamma, Highlights); Dodge, Sponge; Unsharp Mask; Clone Source Panel; Spot Healing Brush & Healing Brush. Image Basics and Scanning Principles: Image types: line art, grayscale, color and bit depth. Image resolution for output: print and web. Scaling and proportion.	Lesson 2 Worksheet: Image Types, Resolution, and Editing (Lessons 2&3 CS 3) Exercise: Scan Resolution and Editing Images Practice: Image Editing-Healing Brush and Patch Tool
Week 4 Day 7	Quiz 2 Image Size, Editing.	Quiz 2
Week 4 Days 7 to 8 Selections and Layers	Lesson 3 CS 4: Working with Selections Topics: Selections: Quick Marquee–rectangle, elliptical, Lasso–freehand, polygonal, magnetic; Color Based–Wand, Quick Selection, Refine Edges ; Anti-alias; Transform, Scale, Moving, and Cropping. Lesson 4 CS 4: Layer Basics Topics: Naming Layers; Copy/Paste; Viewing; Rearranging; Opacity, Blend Modes; Link Layers; Transform; Auto Align; Gradient Layer; Type Layer; Layer Styles; Combining and Flattening Layers; Layer Comps. Additional: Introduce Saving Selections; Layer>Matting Defringe; Emphasize Adjustment Layers .	Lesson 3 Lesson 4 Practices: Edges-Alias Anti Alias Layer Comps Melon Head (EC)
Weeks 5 Days 9 to 10	Integrating Project 1: Using Selections and Layers to create a character. <i>Images provided or Scan things.</i>	Integrating Project 1
Week 6 Day 11	Integrating I presentations Quiz 3 Layers, Selections	Quiz 3
Weeks 6 to 7 Days 11 to 13 Masks	Lesson 5 CS 4: Masks and Channels Topics: Painting Editing Quick Masks; Channels; Saving/loading selections; Alpha Channel Masks; Naming; Layer Masks (Mask Panel), Filters; Gradient Mask; Adjustment Layer Panel ; Grouping and Clipping Masks.	Lesson 5 Practices: Mask Borders Gradient (Layer) Mask Layer Masks Clipping Masks Extract EC
Week 7	Lesson 6 CS 4: Correcting Digital Photos (Extra-Optional) Topics: RAW, Sharpening, Red Eye, Vanishing Point	Lesson 6 (Opt/EC)
Weeks 7 to 8 Days 14 to 16	Integrating Project 2: Using masks and images to illustrate a pun. Students acquire images. Discuss Copyright and Attribution.	Integrating Project 2

Week 8 Days 16	Integrating 2 presentations Quiz 4 Masks	Quiz 4
Midway	Review: Notebooks/ resource/ Image Diary	
Week 9 Days 17 to 18 Type Vectors/Pen	Lesson 7 CS 4: <i>Typographic Design</i> (Optional EC) Topics: Character, Paragraph palettes; Type Size and Style; Leading, Kerning and Tracking; Scrubbing; Clipping Masks; Layer Styles; Grouping Smart Object. Lesson 8 CS 4: <i>Vector Drawing Techniques</i> Topics: Bit Map vs. Raster vs. Vector; Path Options; Drawing paths, editing anchors and segments; Naming (saving) vs. <i>Workpaths</i> ; Convert Path to Selections; Vector Shapes (Shape Layer); Add/Subtract to Paths; Selection vs. Direct Selection Tools; Import Smart Object.	Lesson 7 Practice: <i>Type Formatting</i> <i>Type Effects (opt/EC)</i> Lesson 8 Practices: <i>Pen as Selection</i> <i>Vector Shapes</i>
Week 10 Day 19 to 20	Integrating Project 3: Use the Pen Tool and Vector Shapes to create a Logo/Monogram.	Integrating Project 3
Week 11 Day 21	Integrating 3 Presentations Quiz 5 Vectors, pen and type.	Quiz 5
Week 11 Day 11 to 22	Lesson 9 CS 4: <i>Advanced Layer</i> (Review-May be optional EC) Topics (review): Clipping Shapes; Keyboard shortcuts; Filters; Smart Objects; Adjustment Layers; Layer Comps; Layer Styles; Merging and Layer Groups; Stamping Layers.	Lesson 9 CIB (Opt)
Week 11 Day 22 Web Optimization	Lesson 11 CS 4 <i>Preparing Files for the Web.-Selected pages</i> Topics: Slices, Optimizing GIFs, JPEGs. Review Image for Print Output: Halftone theory—LPI vs. Image resolution—in production process. Introduce Movie Project	Lesson 11 to pages 330-341; page 353 Practice: <i>Web Optimization</i>
Weeks 12 and 13 Days 23 to 26	Work on Movie Poster/ Web Page Project: Create a movie ad poster that will be A) down-sampled, converted to grayscale for a newspaper ad. B) Reformatted for a web page splash screen using same design elements. There will be intermediate due dates for this project.	Movie Poster Project/ Web page Review Quiz
Week 14 Days 27	Movie Project Presentations	
Week 14 to 15 Days 27 to 28, Brushes, Filters, and Special Effects	Lesson 10 CS 4: <i>Advance Compositing</i> Topics: Layer Blending Modes, Type w/Layer styles; Adjustment Layers, Filter Gallery; Smart Filters; Brush Edit; Blend Modes: Loading/Saving selections; Match Color. Additional: Art History (opt)	Lesson 10 CIB Practices: <i>Brushes</i> <i>Blend Modes</i> <i>Art History Brush (EC)</i>
Week 15 to 16 Days 30 to 31	Integrating Project 4: Create 4 variations of one image by using blend modes, layer styles (patterns), art filters and painting. <i>("Southwest" Special Effects Practice opt)</i> Complete Resource Files/Image Diary.	Integrating Project 4
Week 16 Day 32	Integrating 4 Final Presentations Quiz 6 Special Effects and Painting	Quiz 6

Note: This is a proposed calendar that may change depending upon progress of the class. Practices and Integrating Exercises may be modified, substituted and used at the discretion of the instructor.