

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	<p>Overview of course: Syllabus, course outline, student information sheets and introductions. Software, equipment. Review OS X Interface & ACC Lab Setup. Set up student folders.</p> <p>Getting Started Overview. Lesson 1 CS 4: Getting to Know the Photoshop Work Area</p> <p>Topics: Tool Palette, Options, Shortcuts; Working with Panels (Palettes- grouping, moving, expanding, options); Foreground/ Background; Zoom; Reset Default Preferences; Intro Bridge; HELP menu.</p> <p>Additional: Navigator, Views, Zoom with hand vs. magnifier, Graphics File Formats. Contact sheets.,</p>	<p>Lesson 1</p> <p>Practice: File Formats Native, JPEG, Tiff, other;</p> <p>Contact Sheet</p>
Week 2: Day 3	<p>Quiz 1 Photoshop Interface, Navigation and File Formats</p>	<p>Quiz 1</p>
Weeks 2-3: Days 3 to 6 Image Size and Scan; Editing	<p>Lesson 2 CS 4: Basic Photo Correction</p> <p>Topics: Color RGB vs. CMYK; Resolution Monitor & Image Size (Pixel Size and Image View); Half-tone Screen (LPI frequency); Resolution for Output; Crop/Straighten Canvas Size; Auto vs. Manual; Histogram, Levels using Adjustment LayersPanel (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.</p>	<p>Lesson 2 <i>(Lessons 2&3 CS 3)</i></p> <p>Exercise: Editing Scanned Images</p> <p>Practice: Image Editing-Healing Brush and Patch Tool</p>
Week 4: Day 7	<p>Quiz 2 Image Size, Editing.</p>	<p>Quiz 2</p>
Week 4: Days 7 to 8 Selections and Layers	<p>Lesson 3 CS 4: Working with Selections</p> <p>Topics: Selections: Quick Marquee–rectangle, elliptical, Lasso–freehand, polygonal, magnetic; Color Based–Wand, Quick Selection, Refine Edges; Anti-alias; Transform, Scale, Moving, and Cropping.</p> <p>Lesson 4 CS 4: Layer Basics</p> <p>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.</p> <p>Additional: Introduce Saving Selections; Layer>Matting Defringe; Emphasize Adjustment Layers.</p>	<p>Lesson 3</p> <p>Lesson 4</p> <p>Practices: Edges-Alias Anti Alias Layer Comps</p> <p>Melon Head (EC)</p>
Weeks 5: Days 9 to 10	<p>Integrating Project 1: Using Selections and Layers to create a character. Images provided or Scan things.</p> <p>Integrating I presentations</p>	<p>Integrating Project 1</p>

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Week 6: Day 11	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 EXTRA CREDIT	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 2 presentations	Integrating Project 2
Week 8: Days 16	Quiz 4 Masks	Quiz 4
Midway	Review: Notebooks/ resource/ Image Diary	Submit 1st half of Resource File
Week 9: Days 17to 18	Type Vectors/Pen Lesson 7 CS 4: Typographic Design (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: Vector Drawing Techniques Topics: Bit Map vs. Raster vs. Vector; Path Options; Drawing paths, editing anchors and segments; Naming (saving) vs. Workpaths; Convert Path to Selections; Vector Shapes (Shape Layer); Add/Subtract to Paths; Selection vs. Direct Selection Tools; Import Smart Object.	Lesson 7 Practice: Type Formatting Type Effects (opt/EC) Lesson 8 Practices: Pen as Selection Vector Shapes
Week 10: Day 19 to 20	Integrating Project 3: Use the Pen Tool and Vector Shapes to create a Logo/Monogram.	Integrating Project 3
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Week 11: Day 21	Integrating 3 Presentations Quiz 5 Vectors, pen and type.	Quiz 5
Week 11: Day 21 to 22	Lesson 9 CS 4: Advanced Layer (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	Review Image for Print Output: Halftone theory—LPI vs. Image resolution—in production process. Lesson 11 CS 4 Preparing Files for the Web.-Selected pages Topics: Slices, Optimizing GIFs, JPEGs. Introduce Movie Project	Lesson 11 Worksheet: Image Types, Resolution, and Editing Practice: Web Optimization
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 Quiz 6 Review
Week 14: Days 27	Movie Project Presentations	
Week 14 to 15: Days 27 to 28, Brushes, Filters, and Special Effects	Lesson 10 CS 4: Advance Compositing 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: Brushes Blend Modes Art History Brush (EC)
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. ("Southwest" Special Effects Practice opt) Complete Resource Files/Image Diary.	Integrating Project 4
Week 16: Day 32	Integrating 4 Final Presentation Quiz 7 Special Effects and Painting	Quiz 7

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