

ARTC 1402 Digital Imaging I – SUMMER 2009

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

| Weeks | Outline—Lecture Demonstration Topics | Student Activities |
|--|--|---|
| <p>Week 1 Getting Started Overview</p> <p>Due: June 7, before midnight</p> | <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>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>Quiz 1: Photoshop Interface, Navigation and File Formats</p> | <p>Lesson 1</p> <p>Practice:</p> <p>File Formats: Native, JPEG, Tiff, other;</p> <p>Contact Sheet</p> <p>Quiz 1</p> |
| <p>Week 2 Image Size and Scan; Editing</p> <p>Due June 14, before midnight</p> | <p>Lesson 2 CS 4: Basic Photo Correction</p> <p>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.</p> <p>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>Quiz 2: Image Size, Editing.</p> | <p>Lesson 2</p> <p>Worksheet: Image Types, Resolution, and Editing</p> <p>Exercise: Scan Resolution and Editing Images</p> <p>Practice: Image Editing-Healing Brush and Patch Tool</p> <p>Quiz 2</p> |

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.

ARTC 1402 Digital Imaging I – SUMMER 2009

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

| Weeks | Outline—Lecture Demonstration Topics | Student Activities |
|--|---|---|
| Week 3 Selections and Layers Due June 21, before midnight | 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) |
| Week 4 Due June 28, before midnight | Integrating Project 1: Using Selections and Layers to create a character. Images provided or Scan things. Integrating I: presentations Quiz 3: Layers, Selections | Integrating Project 1 Quiz 3 |
| Week 5 Masks Due July 5, before midnight | 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 |

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.

ARTC 1402 Digital Imaging I – SUMMER 2009

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

| Weeks | Outline—Lecture Demonstration Topics | Student Activities |
|---|--|--|
| Week 5 Extra Credit | Lesson 6 CS 4: Correcting Digital Photos (Extra-Optional) Topics: RAW, Sharpening, Red Eye, Vanishing Point | Lesson 6 (Opt/EC) |
| Week 6 Due July 12 before midnight | Integrating Project 2: Using masks and images to illustrate a pun. Students acquire images. Discuss Copyright and Attribution. Integrating 2: presentations Quiz 4: Masks | Integrating Project 2 Quiz 4 |
| Midway | Review: Notebooks/ resource/ Image Diary | |
| Week 7 Type and Vectors, Pen Due July 19 before midnight | 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 7 to 8 Due July 26 before midnight | Integrating Project 3: Use the Pen Tool and Vector Shapes to create a Logo/Monogram. Integrating 3: Presentations Quiz 5: Vectors, pen and type. | Integrating Project 3 Quiz 5 |

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.

ARTC 1402 Digital Imaging I – SUMMER 2009

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

| Weeks | Outline—Lecture Demonstration Topics | Student Activities |
|---|---|---|
| Week 9 Advanced Layer & Web Due August 2 before midnight | 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 11 CS 4 Preparing Files for the Web.-Selected pages Topics: Slices, Optimizing GIFs, JPEGs. Review Image for Print Output: Halftone theory—LPI vs. Image resolution—in production process. Introduce Movie Project | Lesson 9 CIB: (Opt) Lesson 11 to pages 330-341; page 353 Practice: Web Optimization |
| Weeks 9 & 10 Due August 9 before midnight | Work on Final Movie Ad Major 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 Project Presentations | Movie Poster Project/ Web page Review Quiz |
| Week 11 & 12 Due August 16 before midnight | 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) Integrating Project 4: Create 4 variations of one image by using blend modes, layer styles (patterns), art filters and painting. (Use "Southwest" Special Effects Practice(opt) Complete Resource Files/Image Diary Integrating 4: Final Presentations Quiz 6: Special Effects and Painting | Lesson 10 CIB Practices: Brushes Blend Modes Art History Brush (EC) Integrating Project 4 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.