

Course Outline ARTC 2405 Digital Imaging II:

Modules/Weeks	Lecture/Demonstration Topics	Student Read/ Lab Activities
<p>Week 1 to 2 Module: Intro <i>Image Modes</i> <i>File Formats</i> <i>Bridge and Actions</i></p>	<p>Introduction: Overview of course Using Blackboard; Lab Set up.</p> <p>Set up Class folder as instructed.</p> <p>Review Topics: Image Modes Grayscale, RGB vs CMYK, LAB color, Out of Gamut.</p> <p>File Formats TIFF, Native, EPS, JPEG, GIF.</p> <p>Bridge and Contact Sheets Browsing and managing graphics files.</p>	<p>Hand Outs Read: Review <i>File Formats</i> (NYT article)</p> <p>Studio Techniques Chapter 1 <i>Tools and Panels Primer Tools</i> Pages 4 to 42 Chapter 2 <i>Selection Primer Bridge</i> Pages 44 to 60.</p> <p>From Design into Print Chapter 8 <i>File Formats</i> (“Review”)</p> <p>Study Guides (2): <i>Introduction</i> (Preferences) <i>File formats and Image Modes</i></p> <p>Practices (2 required) <i>Contact Sheets and Bridge CS 4 Actions</i> (Bridge)</p>
<p>Week 2 Module: <i>Image Size, Resolution for print and web.</i></p>	<p>Review Topics: Image Size Resolution & bit depth, Web Optimization</p> <p>Scanning Basics Review</p>	<p>Studio Techniques Chapter 10: Smart Objects Pages 369 to 375 Alban Video: <i>Line Art Scanning</i> Alban Video: <i>Resolution**</i></p> <p>From Design into Print Chapter 5 <i>Computer Color Modes</i> Chapter 6 <i>Raster Images and Resolution</i></p> <p>Study Guide (1): <i>Image Size & Resolution</i></p> <p>Practice (2 required) Smart Objects for Scaling Images <i>Web Optimization DI 1 Optional EC opt</i> Web Optimization w Slicing “Zoomify” BB online exercise EC opt</p> <p>Quiz 1: <i>Intro, File Formats, Web Optimization, Modes, Image Size and Resolution.</i></p>
<p>Week 2 to 3 Module: <i>Selections, Masks and Layers</i></p>	<p>Review Topics: Selections: Marquee/Lasso/Wand, Type, Combining, Add/Subtract, Color Range, Modify, Moving, Transforming, Saving/Loading.</p> <p>Masks: Quick, Channel, Layer, Clipping, and Editing Masks.</p> <p>Layers: Viewing, Hiding, Opacity, Moving, Transforming, Duplicating, Locking, Naming, Grouping (Sets), Blending Modes.</p> <p>Adjustment Layers Levels, Curves, Brightness, Contrast, Threshold.</p>	<p>Studio Techniques Chapter 2: <i>Selection Primer– Selections and Masks</i> Pages 60 to 85 Chapter 3: <i>Layers and Curves Layers, Curves, Adjustment Layers</i> Pages 90 to 138 Chapter 5: <i>Adjustment Layers Adjustments, Layer Masks, Clipping Masks, Blending Modes</i> Pages 186 to 210.</p> <p>Study Guides (3): <i>Selections</i> <i>Masks</i> <i>Layers</i></p> <p>Practices: (3 Required) <i>Masks–Quick & Layer</i> <i>Masks- Clipping</i> <i>The Dog</i> <i>Masks–from Images EC-Opt</i> <i>Extraction EC-Opt</i></p> <p>Quiz 2: <i>Selection, Masks, Layers,</i></p>

<p>Week 4 Module: <i>Retouching and Tonal Correction</i></p>	<p>Editing Tones: Adjustment Layers—Levels, Curves, Hue Saturation, etc.</p> <p>Editing: Cropping, Paste Into, Transformation</p> <p>Editing Filters: Noise, Despeckle, Dust & Scratches, Unsharp Mask, Smart Sharpen.</p> <p>Retouching Brushes: Size, Eraser. Healing Brush, Patch, Clone</p> <p>Smart Objects used for size and editing.</p> <p>Chapter 4 on Photoshop RAW is not presently required, but would be worth checking. Some editing and tonal adjustments can be made there before saving in Photoshop.</p>	<p>Studio Techniques Chapter 1 Tools and Panels Primer Review Brushes Pages 21 to 33 Chapter 3: Layers and Curves Review Histogram, Adjustments Pages 138 to 148. Chapter 5 Adjustment Layers Adjustments, Layer and Clipping Masks, Pages 186 to 210. Chapter 6: Sharpening Noise, Blurring, Sharpening Pages 212 to 236 Chapter 11: Retouching Techniques Healing, Patch, Clone, Dodge, Burn, Sponge, Blur, Sharpen, Liquify. Pages 392 to 408; 414 to 425 to 440 Alban Video: Shadows Study Guide (1): Editing and Retouching</p> <p>Practices: (2 Required) Image Editing: Tonal Adjustments Image Editing: Retouching Brushes DI 1 EC Opt</p>
<p>Week 5 Project: Portrait</p>	<p>Project: Portrait Editing.</p>	<p>Project: "Self Portrait"</p>
<p>Week 6 Module: <i>Color Management & Color Correcting for Print and Web</i></p>	<p>Review Topics: Color Correcting/Adjusting: Histogram. Adjusting Tones, Input/Output numbers, Color Casts, Highlight and Shadow, Adjusting Skin Tones..</p> <p>Printing Options: Halftones and separations</p> <p>Managing Color for Print</p> <p>CIB PS CS4 or previous texts Producing Consistent Color <i>Suggested</i></p>	<p>Studio Techniques Chapter 7: Setting Up Images for Final Output <i>Histogram, Input/Output, Color Casts, Highlight and Shadows. Pages 240 to 270.</i></p> <p>From Design into Print Chapter 9 Process Color Printing Study Guide (1): Color Correcting Hand Out: Correcting Color for Print output.</p> <p>Practices (2 Required): Color Tools Color Correction–Print</p>
<p>Week 7 Module: 2 Color Channels <i>Tinting, Spot Color, Duotones, Color/GS</i></p>	<p>Review Topics: Color and Grayscale, RGB to CMYK, Color/Grayscale, Colorizing (Duotones, Spot Colo, Channel Adjustments, Levels/Curves, Match Color, Selective Color, Replace Color, Color Matching.</p> <p>2 Color Images Spot Color, Duotones Colorizing, Tinting Grayscale with Color</p>	<p>Studio Techniques Chapter 8: Color Manipulation Pages 272 to 306.</p> <p>From Design into Print Chapter 10 Spot Color and Duotones Study Guide (1): Channels & 2 Color</p> <p>Practices (3 Required): <i>Duotones & Spot Color</i> <i>Color Tinting Grayscale</i> <i>Color w/ Grayscale Comp</i> Quiz 3: Editing, Tonal and Color Adjustment</p>
<p>Week 8 Module: <i>Pen Tool and Vector Shapes Type</i></p>	<p>Review Topics: Pen Tool Creating Paths; Editing; Stroking/ Filling, <i>Work Paths</i>, Convert to Selections; Clipping Paths.</p> <p>Vector Shapes/ Masks Creating, Adding to/Subtracting from, Custom Shapes.</p>	<p>Hand out: Pen Tool and Vector Shapes</p> <p>Studio Techniques Chapter 9: Enhancements Pen: Pages 350 to 352; Chapter 10: Collage Vectors: Pages 364 to 369. Alban Video: Text</p> <p>Study Guides (2): <i>Pen Tool Paths and Vectors</i> <i>Type</i></p> <p>Practices (1 Required): <i>Pen Tool & Vector</i></p>
<p>Week 8 Module:</p>	<p>Review Topics (Basics): Paragraph Formatting: leading.</p>	<p>Practices: <i>Type Formatting</i> DI 1 Opt</p>

<i>Type</i> MIDWAY 8 to 9	Character Tracking, kerning, scaling Resource Files Mid-Term start	<i>Type Effects</i> DI 1 Opt Start Resources: Screen shots of disk organization; Portfolio to date and 2 step by step tutorials, tutorials and Image Diary from DI 1.
Week 8 to 9 Exercise <i>Type Formatting and Effects</i>	Exercise: Experiment with Type formatting, On a Path, Warping and Special Effects. Add Vector Shape or Mask.	Exercise Type Formatting and Effects. Quiz 4: <i>Pen, Vectors, Type</i>
Week 10 to 11 Project <i>Illustration for Magazine Cvr</i>	Do Illustration Project for Magazine Create a composite Illustration to include masks, paths, tonal and color adjustments.	Project: Magazine Cover Illustration
Week 12 Module: <i>Distortion Effects</i>	Review Topics Panorama Warp Perspective (Vanishing Point) Displacement Maps	Studio Techniques Chapter 10 <i>Panorama</i> Pages 363 to 364 <i>Smart Objects:</i> Pages 369 to 375 review <i>Warping:</i> Pages 378 to 379 Chapter 11 <i>Vanishing Point:</i> Pages 408 to 414 <i>Lens Correction</i> Pages 424 to 428 <i>Liquify Real World</i> Pages 435 to 439 <i>Content Aware Scaling*</i> new Page 439 Practices (4 Required): <i>Edit Transform Warp</i> <i>Perspective and Vanishing Point</i> <i>Displacement Maps</i> <i>Panorama</i>
Week 13 to 14 Project: <i>Realistic Comp</i>	Project: <i>Realistic Composition</i> Create Realistic Composition of a Scene or New figure/face.	Project: <i>"Realistic Portrait Composition: Scene or New Face/Figure"</i>
Week 14 Module: <i>Painting, Brushes, Blend Modes, Filters</i>	Review Topics: Brushes: Creating, Editing Saving. Art History and History; Cloning Blending Modes with Knockout Options and Advanced Blending Options Liquify and Smart Filters	Studio Techniques Chapter 1 <i>Tools and Panels Primer</i> <i>Brushes</i> Pages 21 to 32. Review Chapter 9 <i>Enhancements:</i> <i>Blend Modes and Filters:</i> Pages 310 to 338 Chapter 10 <i>Retouching</i> <i>Liquify Filer:</i> Pages 428 to 434 Study Guide: <i>Painting and Special Effects</i> Practices Lab (3 Required): <i>Brushes--Custom</i> <i>Art History and Cloning</i> <i>Blend/Knock-Outs</i> <i>Textures and Patterns (EC)</i>
Week 15 to 16 Exercise Filters and Blend Modes	Exercise Experiment with different filters and blend modes.	Exercise: Filters and Blend Modes Quiz 5: <i>Brushes, Filters, Blend Modes</i>
Week 16 Resource Files due	Image Diary/Resource Files including Screen Shots of Directory Organization. Include tutorials.	Image Diary/Resource files due..