

## Course Outline ARTC 2405 Digital Imaging II:

Weeks/Modules	Topics-Cross Reference in Textbooks.	Student Reading/ Lab Activities
<b>Week 1</b> <b>Module 1:</b> Intro Image Modes File Formats Bridge and Actions	<b>Introduction:</b> Overview of course Using Blackboard. Lab Set up.  Set up Class folder as instructed.  Review Topics: Image Modes Grayscale, RGB vs. CMYK, LAB color, Out of Gamut.  File Formats TIFF, Native, EPS, JPEG, GIF, PNG  Bridge and Contact Sheets Browsing and managing graphics files.  Actions and Batching files.	<b>Hand Outs Read:</b> Review File Formats (NYT article)  <b>On Demand</b> Page 391 File Formats Chapter 15 Automating Page 123 Layer Comps Page 124 Exporting Layers Files Pages 359 to-380 Actions Chapter 21 Working Together: Pages 503-513 Bridge <b>From Design into Print</b> Chapter 8 File Formats ("Review") <b>Study Guides (2):</b> Introduction (Preferences) File formats and Image Modes  <b>Practices (2 required)</b> Contact Sheets and Bridge Actions (Include Bridge)
<b>Week 2</b> <b>Module 2:</b> Image Size, Resolution for print and web. Web Optimization	<b>Review Topics:</b>  Image Size Resolution & bit depth. Cropping and Resampling. Scanning Basics Review  Smart Objects and Scaling  File Formats, JPEG, GIF, PNG  Optimizing Web pages. Slicing, links. Web Gallery and Zoomify.	<b>On Demand Review</b> Chapter 1 Getting Started Pages 13, 20, 22 on image resolution, modes, smart objects. Chapter 19 Web Pages 443-456 Optimizing; Pages 462-472 Slicing. <b>From Design into Print</b> Chapter 5 Computer Color Modes Chapter 6 Raster Images and Resolution <b>Study Guide (1):</b> Image Size & Resolution  <b>Practices (3 required)</b> Image Size worksheet practice Smart Objects Scaling Images DI1_WebOptimization EC-Opt Web Optimization w Slicing Web Gallery BB online exercise EC opt Zoomify BB online exercise EC opt  <b>Quiz 1:</b> Intro, File Formats, Web Optimization, Modes, Image Size and Resolution, Actions, Bridge.
<b>Week 3</b> <b>Module 3:</b> Selections, Masks and Layers	<b>Review Topics:</b> Selections: Marquee/Lasso/Wand, Type, Combining, Add/Subtract, Color Range, Modify, Moving, Transforming, Saving/Loading. Masks: Quick, Channel, Layer, (pixel), Vector, Clipping. Editing Masks. Layers: Viewing, Hiding, Opacity, Moving, Transforming, Duplicating, Locking, Naming, Grouping (Sets), Blending Modes. Adjustment Layers Levels, Curves, Brightness, Contrast, Threshold.	<b>On Demand Review</b> Chapter 4 Selections: Pages 88 to 89 Refine Edges; Pages 92 to 93 Save Selections. Chapter 5 Layers overview Page 107 Clipping Masks Chapter 10 Masks: Pages 244 to 249 Vector and Layer Masks; 252 to 261 Channel Masks; Pages 262 to 264 Quick Masks. <b>Study Guides (3):</b> Selections Masks Layers

**Practices: (3 Required)**

Masks–Layer Blend Quick & Layer  
 Masks- Clipping  
 The Dog using variety of masks  
 Masks–from Images EC-Opt  
 DI1\_Mask Borders, Layer Masks EC-Opt

**Quiz 2:** Selections, Masks, and Layers Review

<p><b>Week 4</b>  <b>Module 4:</b>            Retouching and Tonal Correction</p>	<p><b>Review Topics</b>            Editing Tones: Adjustment Layers—Levels, Curves, Hue Saturation.            Editing: Cropping, Paste Into, Transformation, Refine Edge, Mask Edge. Channel masks.              Editing: Noise, Despeckle, Dust &amp; Scratches, Unsharp Mask, Smart Sharpen.              Retouching Brushes: Spot Healing Brush, Patch, Clone, Size, Eraser.              Content Aware Fill.            Read about Camera Raw Editing.</p>	<p><b>On Demand</b>            Chapter 7 Adjustment Layers and Tools; Pages 142 to 148 Adjustment Layers;            Pages 161 to 164 Sharpening;            Pages 165 to 172 Clone, Patch, Healing; Pages 172 to 174 Tonal Range  <b>Study Guide (1):</b> Editing and Retouching    <b>Practices: (3 Required)</b>            Editing: Tonal Adjustments            Editing: Retouching            Editing: Channels            DI 1_Brushes EC Opt</p> <p><b>Quiz 3: Editing</b></p>
<p><b>Week 5 Project</b>  <b>Project: Portrait</b></p>	<p><b>Project: Portrait Editing.</b></p>	<p><b>Project: “Self Portrait”</b> Complete studio version and a character.</p>
<p><b>Week 6</b>  <b>Module 5:</b>            Color Management &amp; Color Correcting for Print and Web</p>	<p><b>Review Topics:</b>            Color Tools: Matching Color; Replace Color; Smart Object: Variations, Shadow/ Highlight; Channel Mixer; Photo Filter; Gradient Map.              HDR Toning CS 5              Color Correcting/Adjusting: Histogram. Adjusting Tones, Input/Output numbers, Color Casts, Highlight and Shadow, Adjusting Skin Tones.              Printing Options:            Halftones and separations            Managing Color for Print</p>	<p><b>On Demand</b>            Chapter 8 Color and Channels            Page 189 Replace Color            Page 205 Channel Mixer            Page 207 Photo Filters            Page 212 Shadow Highlight.            Pages 175 to 213 Overview            Pages 210-211 HDR Toning            Chapter 18 Manage Color            Pages 423 to 442 Overview  <b>From Design into Print</b>            Chapter 9 Process Color Printing    <b>Study Guide (1):</b> Color Correcting  <b>Hand Out:</b> Correcting Color for Print output.  <b>CIB PS CS4, 5</b> or previous texts            Producing Consistent Color Suggested    <b>Practices (2 Required):</b>            Color Tools            Color Correction–Print</p>
<p><b>Week 7</b>  <b>Module 6:</b>            2 Color Channels Tinting, Spot Color, Duotones, Color/GS</p>	<p><b>Review Topics:</b>            Color and Grayscale, RGB to CMYK, Color/Grayscale, Color tinting, Duotones, Spot Color, Channel Adjustments, Levels/Curves..              2 Color Images            Spot Color, Duotones            Colorizing, Tinting            Grayscale with Color</p>	<p><b>On Demand</b>            Chapter 7 Color and Channels            Page 196 Spot Color            Page 187 Duotone            Page 205 Channel Mixer            Page 213 Black/White Adjust            From Design into Print            Chapter 10 Spot Color and Duotones    <b>Study Guide (1):</b> Channels &amp; 2 Color    <b>Practices (3 Required):</b>            Duotones &amp; Spot Color</p>

Color Tinting Grayscale  
Color w/ Grayscale Comp

**Quiz 4:** Editing, Tonal and Color Adjustment

**Week 8 MIDWAY**

**Resource Files** Mid-Term start  
Due by the start of week 9

Start **Resources:** Screen shots of class organization;  
Portfolio to date, tutorials.

**Week 9**

**Module 7:**

Distortion Effects  
Panorama,  
Warping, VP.

**Review Topics**

Panorama  
Warp  
Perspective (Vanishing Point)  
Displacement Maps

**On Demand**

Pages 20 to 21; 97 Warping  
Page 97 Perspective  
Page 99 Content Aware Scale  
Pages 100 to 102 Content Aware Fill  
Pages 154 to 155 Vanishing Point

**Study Guide (1):** Distort Warp

**Practices (5 Required):**

Edit Transform Warp  
Perspective and Vanishing Point  
Displacement Maps  
Alignment Panorama  
Content Aware Scale

**Week 10 to 11**

**Project:  
Realistic Comp**

**Project: Realistic Composition**

Create Realistic Composition of a Scene or  
New figure/face.  
Due Mid-Week 11

**Project: "Realistic Portrait** Composition: Scene or  
New Face/Figure"

**Week 11 to 12**

**Module 8:**

Pen Tool and  
Vector Shapes,  
Type

**Review Topics**

Pen Tool Creating Paths; Editing; Stroking/ Filling,  
Work Paths, Convert to Selections; Clipping  
Paths.  
Vector Shapes/ Masks Creating, Adding  
to/Subtracting from, Custom Shapes.

Paragraph Formatting: leading.  
Character Tracking, kerning, scaling

**On Demand**

Chapter 11 Paths  
Pages 265 to 285 Overview  
Page 265 Clipping Paths  
Pages 278 to 279 Working with.

**Hand out:** Pen Tool and Vector Shapes

**Study Guides (2):**

Pen Tool Paths and Vectors; Type

**Practices (1 Required):**

Pen Tool & Vector with Clipping Paths  
DI 1\_Type Formatting EC opt  
DI1\_Type Effects EC opt

**Week 12**

**Module 8**

**Type Mini-Project**

Type Formatting  
and Effects

**Mini-Project:**

Experiment with Type formatting, On a Path,  
Warping and Special Effects. Add Vector  
Shape or Mask.

**Mini-Project**

Type Formatting and Effects.

**Quiz 5:** Pen, Vectors, Type

**Week 13 to 15**

**Project Illustration  
for Magazine  
Cover**

**Illustration for Magazine Cover**

Create a composite Illustration to  
include masks, paths, tonal and color  
adjustments.

**Project: Magazine Cover Illustration**

**Week 15**  
**Module 9:**  
Painting, Brushes,  
Blend Modes,  
Filters

**Review Topics:**  
Brushes: Creating, Editing Saving. Art History and  
History; Cloning  
  
Blending Modes with Knockout Options and  
Advanced Blending Options  
Liquify and Smart Filters

**On Demand**  
Chapter 9 Paint, Drawing  
Pages 215 to 243 Overview  
**Study Guide:**  
Painting and Special Effects

**Practices Lab (3 Required):**  
Brushes--Custom  
Art History and Cloning  
Blend Knock-Outs  
Textures and Patterns EC opt

**Week 16**  
**Module 9**  
**Mini-Project**  
Filters, Blend  
Modes

**Mini-Project**  
Experiment with different filters and blend  
modes.

**Mini-Project:**  
Filters and Blend Modes

**Quiz 6:** Brushes, Filters, Blend Modes

**Week 16**  
**Resource Files**  
due

**Resource Files** including Screen Shots of  
Directory Organization. Include tutorials.  
Due by the end of week 16.

**Resource files** due by end of semester.