

Domain Objectives	MyGraphicsLab Online Presentations	MyGraphicsLab Projects	Classroom in a Book Readings	Classroom in a Book Hands-on Exercises	MyGraphicsLab Videos
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**Domain 1.0 Setting Project Requirements**

<b>1.1</b> Identify the purpose, audience, and audience needs for preparing image(s).	Your Audience	Your Audience (Part 1) Your Audience (Part 2)			
<b>1.2</b> Demonstrate knowledge of standard copyright rules for images and image use.	Copyright Rules	Copyright Rules (Part 1) Copyright Rules (Part 2)			
<b>1.3</b> Demonstrate knowledge of project management tasks and responsibilities.	Project Management	Project Management			
<b>1.4</b> Communicate with others (such as peers and clients) about design plans.	Project Management	Communication			

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**Domain 2.0 Identifying Design Elements When Preparing Images**

<p><b>2.1</b> Demonstrate knowledge of image resolution, image size, and image file format for web, video, and print.</p>	Image Size and Resolution	<p>Optimize Files for Web Output</p> <p>Use the Image Size Dialog Box</p>	<p>Resolution and image size <i>Lesson 2, pages 43–44</i></p> <p>About saving files in Camera Raw <i>Lesson 5, page 129</i></p> <p>Exporting HTML and images <i>Lesson 13, pages 353–358</i></p>	<p>Creating a New Video Project <i>Lesson 10, pages 271–275</i></p>	<p>Introduction to Video Editing in Photoshop</p> <p>Exporting Final Video</p> <p>Saving Images for the Web</p> <p>Preparing Press-Quality Images</p>
<p><b>2.2</b> Demonstrate knowledge of design principles, elements, and image composition.</p>	Design Principles	<p>Create a Cover for a New Magazine</p> <p>Create a Healthy-Foods Poster</p>			
<p><b>2.3</b> Demonstrate knowledge of typography.</p>	Design Principles	<p>Create a Cover for a New Magazine</p> <p>Create a Healthy-Foods Poster</p>			
<p><b>2.4</b> Demonstrate knowledge of color correction using Photoshop CC</p>	Digital Imagery	<p>Use a Levels Adjustment Layer to Adjust Tones</p> <p>Use Adobe Camera Raw to Adjust Midtones</p>	<p>High dynamic range (HDR) images <i>Lesson 5, Extra credit, pages 156–157</i></p> <p>Specifying color-management settings <i>Lesson 14, pages 368–376</i></p>	<p>Getting Started, Processing Files in Camera Raw <i>Lesson 5, pages 114–129</i></p>	<p>Reading a Histogram and Using the Info Panel</p> <p>Merging High Dynamic Range Images</p> <p>What Is Adobe Camera Raw and What Files Can It Correct?</p> <p>Painting in Corrections with the Adjustment Brush</p>

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<p><b>2.5</b> Demonstrate knowledge of image-generating devices, their resulting image types, and how to access resulting images in Photoshop.</p>	<p>Digital Imagery</p>				<p>What Is Adobe Camera Raw and What Files Can It Correct?</p>
<p><b>2.6</b> Understand key terminology of digital images.</p>	<p>Image Size and Resolution</p>		<p>About bitmap images and vector graphics <i>Lesson 8, page 206</i></p>		<p>Saving Images for the Web Printing Images</p>

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**Domain 3.0 Understanding Adobe Photoshop**

<p><b>3.1</b> Identify elements of the Photoshop CC user interface and demonstrate knowledge of their functions.</p>	<p>The Interface</p>	<p>Embellish a Photo Using Photoshop Tools Create a Custom Workspace</p>		<p>Starting to Work in Adobe Photoshop <i>Getting Started chapter, pages 10–25</i></p>	<p>Touring the Interface and Managing Document Windows Zooming and Navigating Power User Zooming, Navigating, and Shortcuts Customizing Keyboard Shortcuts</p>
<p><b>3.2</b> Demonstrate knowledge of layers and masks.</p>	<p>Layers and Masks</p>	<p>Create a Photo Collage Create a Realistic Mask</p>		<p>Working with Masks and Channels <i>Lesson 6, pages 162–164</i> Layer Basics <i>Lesson 4, pages 80–92</i></p>	<p>Overview of Layers Adding New Layers Layer Masks, the Key to Flawless Retouching Nondestructive Editing Using Layers Creating Button Icons and Organizing with Layer Groups</p>
<p><b>3.3</b> Demonstrate knowledge of importing, exporting, organizing, and saving.</p>	<p>Importing, Organizing, Exporting, and Saving</p>	<p>Organize Files in Bridge</p>	<p>Pro photo workflow <i>Lesson 5, pages 136–137</i></p>		<p>Mini Bridge: Review and Preview in Photoshop Adobe Bridge: Batch Renaming and Organizing Reviewing and Rating Images Organizing, Filing, and Sorting Your Images with Adobe Bridge</p>

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<p><b>3.4</b> Demonstrate knowledge of producing and reusing images.</p>	<p>Importing, Organizing, Exporting, and Saving</p>	<p>Prepare an Image for Print</p>		<p>Creating a Custom Brush Preset <i>Lesson 11, pages 301–303</i></p> <p>Preparing Files for the Web <i>Lesson 13, pages 342–363</i></p>	<p>Saving Images for the Web</p>
<p><b>3.5</b> Demonstrate an understanding of, and select the appropriate features and options required to, implement a color management workflow.</p>	<p>Color Management</p>	<p>Output from a Desktop Printer</p> <p>Prepare an Image File for Commercial Printing</p>	<p>About color management <i>Lesson 14, pages 366–367</i></p>	<p>Producing and Printing Consistent Color <i>Lesson 14, pages 364–377</i></p>	<p>Color Settings</p> <p>Printing Images</p>

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### Domain 4.0 Manipulating Images

<p><b>4.1</b> Demonstrate knowledge of working with selections.</p>	Working with Selections and Filters	<p>Edit a Selected Area</p> <p>Create a Complex Selection</p>	<p>Extending objects with the Content-Aware Move tool <i>Lesson 5, pages 152–153</i></p> <p>High dynamic range (HDR) images (Review) <i>Lesson 5, pages 156–157</i></p>	<p>About Selecting and Selection Tools <i>Lesson 3, pages 62–78</i></p>	<p>Content-Aware Move and Spot Healing Brush Tools</p> <p>Merging High Dynamic Range Images</p>
<p><b>4.2</b> Use Photoshop guides and rulers.</p>	Transforming Images	Reshape an Area Using Puppet Warp		<p>Typographic Design <i>Lesson 7, pages 180–203</i></p>	Rulers, Guides, and Grids
<p><b>4.3</b> Transform images.</p>	Transforming Images	Cropping an Image	<p>Moving and duplicating a selection simultaneously <i>Lesson 3, pages 76–77</i></p> <p>Manipulating an image with Puppet Warp <i>Lesson 6, pages 170–171</i></p>	<p>Straightening and Cropping the Image in Photoshop <i>Lesson 2, pages 45–47</i></p>	Cropping and Straightening an Image

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<p><b>4.4</b> Adjust or correct the tonal range, color, or distortions of an image.</p>	<p>Color Correcting and Retouching Images</p>	<p>Use Levels to Adjust Tonal Values Correct a Color Cast</p>	<p>Adjust the white balance in Camera Raw <i>Lesson 5, pages 130–131</i></p> <p>Adjusting levels <i>Lesson 5, pages 131–132</i></p> <p>Using the Healing Brush tools to remove blemishes <i>Lesson 5, pages 133–135</i></p> <p>Adjusting skin tones <i>Lesson 5, pages 138–140</i></p> <p>Adjusting shadows and highlights <i>Lesson 5, pages 142–143</i></p> <p>Correcting red eye <i>Lesson 5, page 145</i></p> <p>Extending objects with the Content-Aware Move tool <i>Lesson 5, pages 152–153</i></p>		<p>Converting to Black-and-White</p> <p>Lightening and Darkening Image Areas with Dodge and Burn</p>
<p><b>4.5</b> Demonstrate knowledge of retouching and blending images.</p>	<p>Color Correcting and Retouching Images</p>			<p>Repairing Areas with the Clone Stamp Tool <i>Lesson 2, pages 52–54</i></p>	<p>Using Blending Modes and Adding a Mask</p> <p>Removing Red Eye</p> <p>Primary Retouching Tools for Perfect Images</p> <p>Lightening and Darkening Image Areas with Dodge and Burn</p> <p>The Clone Stamp Tool</p> <p>Sharpening to Add Detail Before You Print</p>

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<p><b>4.6</b> Demonstrate knowledge of drawing and painting.</p>	<p>Drawing, Painting, and Type</p>	<p>Transform a Photo into a Painting</p>	<p>Undoing actions in Photoshop <i>Lesson 1, pages 25–29</i></p> <p>Brush variations, Painting gallery <i>Lesson 11, pages 306–308</i></p>	<p>About Paths and the Pen Tool <i>Lesson 8, pages 207–226</i></p>	<p>Creating Shapes with New Rounded Rectangle Options</p> <p>Creating Hand-Painted Artwork from a Photo with the Mixer Brush</p>
<p><b>4.7</b> Demonstrate knowledge of type.</p>	<p>Drawing, Painting, and Type</p>	<p>Add Effects to Headline Type</p>	<p>Type overview <i>Lesson 7, pages 182–202</i></p> <p>About type <i>Lesson 7, page 182</i></p> <p>Making a clipping mask and applying a shadow <i>Lesson 7, pages 185–187</i></p>		<p>Typography in Photoshop</p> <p>The Character Panel</p> <p>The Paragraph Panel</p>
<p><b>4.8</b> Demonstrate knowledge of filters.</p>	<p>Working with Selections and Filters</p>		<p>Importing a Smart Object <i>Lesson 8, pages 227–230</i></p>		<p>Painting in Corrections with the Adjustment Brush as a Filter</p>

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**Domain 5.0 Publishing Digital Images**

<p><b>5.1</b> Demonstrate knowledge of preparing images for web, print, and video.</p>	<p>Preparing Images for Web, Print, and Video</p>	<p>Create a Web Portfolio Prepare a File for Print Output</p>	<p>Editing Video <i>Lesson 10, pages 268–289</i></p> <p>Exporting HTML and images (Review) <i>Lesson 13, pages 353–358</i></p> <p>Specifying color-management settings <i>Lesson 14, pages 368–376</i></p>		<p>Exporting Styles to CSS</p> <p>Saving Images for the Web</p> <p>Preparing Press-Quality Images</p>
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