Time	Essential Questions/Content	Standards/Skills	Assessments
September - October	<ul> <li>Unit 1: Introduction to Graphic Design and New Media</li> <li>What is graphic communication and design?</li> <li>What is new media?</li> <li>What are current industry standards for graphic software applications?</li> <li>Where is graphic design and new media prevalent in our society?</li> <li>How is Photoshop used creatively by graphic designers?</li> <li>What are the best practices for file management with new media applications?</li> <li>What are the basic skills required to use Photoshop effectively?</li> </ul>	<ul> <li>Recognize and analyze various forms of graphic communication.</li> <li>Identify a variety of media and techniques used in graphic communications.</li> <li>Master introductory level Photoshop skills.</li> <li>Understand and identify varying file formats and saving locations and manage files effectively.</li> </ul>	<ul> <li>Digital class portfolio organization</li> <li>Research, record, and present information about contemporary graphic communications and new media</li> <li>Photoshop basic skills design quiz</li> <li>File management</li> </ul>
October - November	<ul> <li>Unit 2: Typography in Design and Communication</li> <li>What is typography?</li> <li>What are typefaces, fonts, and letter forms?</li> <li>How do you manipulate or transform digital typeface?</li> <li>How can you use typeface as a design element?</li> <li>How can you use a theme to design an original typeface?</li> <li>How do you create digital typeface in Photoshop and Illustrator?</li> </ul>	<ul> <li>Cite specific textual evidence to support analysis of primary and secondary sources, connecting insights gained from specific details to an understanding of the text as a whole.</li> <li>Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.</li> <li>Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.</li> </ul>	<ul> <li>Composition using only one letter in a variety of fonts, styles, sizes, and placement</li> <li>Creation of a recognizable image using only typeface</li> <li>Use of typeface to illustrate the elements and principles of design</li> </ul>

Time Essential Question	ns/Content	Standards/Skills	Assessments
November       -         December       -         What is composite ima         What is digital collage         How are they similar a         differ?         What intermediate Photechniques are essential         digital imaging and co         What is the role of dig         compositing in the fiel         communications and m         How is digital collage         used in various forms         communication?	a         a         b         a         b         a         b         a         b         a         b         a         b         a         b         a         b         a         b         a         b         a         b         a         b         a         b         c         c         c         c         c         c         c         c         c         c      c	dentify basic categories and haracteristics of typeface, onts, and letterforms. Jse typeface as a main element of design in a composition. Jse Photoshop to create and nanipulate typeface. Jse Photoshop techniques to pply a variety of special effects o typeface. Jse Illustrator to create an original typeface. dentify applications of digital maging in graphic communication and advertising. dentify and use tools and processes in Photoshop necessary for basic digital maging and compositing. Jse selection tools effectively o precisely cut out images. Work with multiple Photoshop locuments at the same time. Make adjustments in size, olacement, and color of ollaged objects or images.	<ul> <li>Composition using an original body of text</li> <li>Design of an original typeface based on theme</li> <li>File management</li> <li>Project rubrics</li> <li>Written reflective student response</li> <li>Group or silent critiques</li> </ul> Record of Internet search of digital imaging explanation <ul> <li>Digital collage based on a theme using an assortment of downloaded images</li> <li>Original cover design for a book, magazine, or other publication</li> <li>Original design to be used in a public service campaign</li> <li>Original poster design for an event or happening</li> <li>File management</li> </ul>

Time	Essential Questions/Content	Standards/Skills	Assessments
	<ul> <li>How is digital collage and composite imaging applied in cover designs for books, magazines, and other publications?</li> <li>How is digital collage and composite imaging applied in the design of posters, event mailers, and public service campaigns?</li> </ul>		
January - February	<ul> <li>Unit 4: Advertising and Marketing</li> <li>What is advertising design?</li> <li>What is corporate branding and identity?</li> <li>What various roles do graphic designers play in the world of advertising and marketing?</li> <li>What is symbolism and what is its role in graphic communication?</li> <li>What is logo design?</li> <li>What is product advertising?</li> <li>What are the basic tools in Adobe Illustrator needed to create and modify unique shapes?</li> <li>What are vector graphics and how do they differ from bitmap or raster based graphics?</li> </ul>	<ul> <li>Identify forms of graphic communication in advertising, marketing, and product identity as present in retail environments, the Internet, television, and printed publications.</li> <li>Translate abstract concepts into visual graphic designs for advertising. Create a body of artwork for visual branding of a company or product.</li> <li>Use tools and techniques in Adobe Illustrator to create graphic designs for advertising.</li> <li>Integrate artwork from Adobe Illustrator into Photoshop for use in a final design.</li> </ul>	<ul> <li>Research on careers in advertising and marketing</li> <li>Adobe Illustrator skills quiz</li> <li>Redesign of an existing product logo using a contemporary design theme using Adobe Photoshop</li> <li>Original logo/trademark and body of identity graphics for a business using Adobe Illustrator</li> <li>Integration of vector artwork with bitmap artwork using Photoshop</li> <li>File management</li> </ul>

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<ul> <li>February - Unit 5: Introduction to Animation and Motion Graphics</li> <li>What is frame by frame animation?</li> <li>What are motion graphics?</li> <li>What software and techniques are commonly used to create frame by frame animation and motion graphics?</li> <li>What role do rhythm and timing have in animation?</li> <li>How can a visual theme work to make an animation more effective?</li> <li>How can elements and principals of art and design be applied in animation and motion graphics?</li> </ul>	<ul> <li>Identify applications of animation and motion graphics on the Internet and in television and film.</li> <li>Use Adobe Flash to create and modify a frame by frame animation.</li> <li>Use Adobe Premiere in conjunction with Photoshop layers to create motion graphics.</li> <li>Develop and translate original thoughts and concepts into a variety of visual animations.</li> <li>Incorporate both traditional and digital media materials and techniques into animation.</li> <li>Demonstrate effective use of elements and principals of design in an animation.</li> </ul>	<ul> <li>Presentation on research and information about animation and motion graphics as they are used in a variety of disciplines</li> <li>Animation of a shape transforming to a musical sound file using Adobe Flash.</li> <li>Animated web banner for a business using Adobe Flash</li> <li>Motion graphic introduction for NPZ's The Morning Show using Adobe Premiere and Photoshop layers</li> <li>Animated GIF advertisement for an event, product, musical group, or travel destination using Photoshop layers and animation bar</li> <li>File management</li> </ul>

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March - April	<ul> <li>Unit 6: Vector Illustration</li> <li>What is illustration?</li> <li>What are some applications where illustrations are utilized in graphics communications?</li> <li>What are the benefits of using vector graphics (Adobe Illustrator) to create illustration?</li> <li>How can Adobe Illustrator be used to create an illustration?</li> </ul>	<ul> <li>Effectively use a variety of tools and commands in Illustrator.</li> <li>Create a vector based artwork which depicts a concept, idea, or storyline.</li> <li>Use reference images effectively to generate vector artwork.</li> <li>Integrate and manipulate vector artwork in raster environment (Adobe Photoshop).</li> </ul>	<ul> <li>Transformation of a circle in ten unique ways using a variety of tools and effects in Illustrator</li> <li>Two dimensional composition in Illustrator that is based on a phrase or a word</li> <li>Vector portrait of a person or object based on a reference photo</li> <li>Transformation of a vector portrait into a graphic design using Adobe Photoshop</li> <li>File management</li> </ul>
April - May	<ul> <li>Unit 7: Advanced Digital Imaging</li> <li>What are special effects in digital imaging?</li> <li>What is digital fine art and how is that different from commercial art?</li> <li>How can the Internet be a resource for advanced imaging techniques?</li> </ul>	<ul> <li>Effectively use advanced imaging and special effect menus in both Photoshop and Illustrator.</li> <li>Work independently to find and utilize on-line tutorials for advanced Photoshop and Illustrator techniques.</li> <li>Integrate advanced imaging techniques into original responses to design assignments.</li> </ul>	<ul> <li>Realistic photomontage combining multiple photographs</li> <li>Digital self-portrait using a variety of digital effects and techniques</li> <li>Completion of</li> </ul>

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			<ul> <li>several online intermediate to advanced tutorials for Photoshop and Illustrator</li> <li>Creation of an original graphic for NPZ's The Morning Show using advanced imaging techniques</li> <li>File management</li> </ul>
May - June	<ul> <li>Unit 8: 3-D Modeling in Graphic Communication</li> <li>What is 3-D modeling and what applications does it have in graphic communications?</li> <li>What software exists for 3-D modeling applications?</li> <li>What are the basic tools and processes used in creating digital 3-D models in Blender?</li> <li>How do you use and manipulate cameras in Blender to animate a scene?</li> </ul>	<ul> <li>Identify applications of 3-D modeling in fields such as communications, science, medicine, entertainment, industry, engineering, industrial design, and architecture.</li> <li>Explore and understand the interface of Blender 3-D modeling software.</li> <li>Follow video based instruction for learning Blender 2.0.</li> <li>Use tools and processes in Blender 2.0 to create and manipulate basic objects or shapes.</li> <li>Apply materials, color, and environmental elements to objects or shapes in Blender.</li> </ul>	<ul> <li>Research and documentation of applications of 3-D modeling in a variety of fields</li> <li>Creation and manipulation of several basic shapes in Blender 2.0</li> <li>Creation of a unique three-dimensional logo or emblem and application of materials and color for rendering.</li> <li>Creation of a three dimensional environment and assignment of a variety of materials and textures.</li> <li>Use of cameras to create an animation within a three dimensional space.</li> <li>File management</li> </ul>