



SCHOOL DISTRICT OF MONROE

Preparing for the Future, One Child at a Time

Web Technologies

Course Description:

The curriculum for this elective course is developed from the [Wisconsin Standards for Business and Information Technology](#). Students will be exposed to and practice introductory skills related to: Adobe InDesign, Adobe Photoshop, Adobe Illustrator. Grades are determined by quizzes, projects and daily work. The information in this course overview outlines what students should understand and be able to do by the end of the trimester.

Mastery Standards:

Students will create print-quality publications for intended audiences or purposes through the use of advanced layout, design and graphics production software and hardware. (BIT.DGC1)

Prepare images for use in a variety of media. (BIT.DGC4.a)

Unit	Description of Unit and Learning Targets
<p>Unit Title: Adobe InDesign</p> <p><u>Essential Questions:</u></p> <ul style="list-style-type: none"> How is Adobe InDesign used to create page layouts? 	<p>Students will.....</p> <p><u>Learning Targets:</u></p> <ul style="list-style-type: none"> Explore the InDesign workspace. View and modify page elements. Navigate through a document. Work with objects and Smart Guides. Format text. Format paragraphs. Create and apply styles. Edit text. Create bulleted and numbered lists. Create a new document and set up a master page. Create text on master pages. Apply master pages to document pages. Modify master pages and document pages. Place and thread text. Create new sections and wrap text. Align and distribute objects on a page. Stack and layer objects. Work with graphics frames. Work with text frames. Work with process colors. Apply color. Work with spot colors. Work with gradients.
<p>Unit Title: Adobe Photoshop</p> <p><u>Essential Questions:</u></p> <ul style="list-style-type: none"> How can Adobe Photoshop be used to create and manipulate visual images? How can Adobe Photoshop be used for artistic effect to enhance expression? 	<p>Students will...</p> <p><u>Learning Targets:</u></p> <ul style="list-style-type: none"> Use the layers and history panels. Examine and convert layers. Add and delete layers. Add a selection from one image to another. Organize layers with layer groups and colors. Make a selection using shapes. Modify a marquee.

	<ul style="list-style-type: none"> ● Select using color and modify a selection. ● Add a vignette effect to a selection. ● Work with color to transform an image. ● Use the Color Picker and the Swatches panel. ● Place a border around an image. ● Blend colors using the Gradient tool. ● Add color to a grayscale image. ● Use filters, opacity, and blending modes. ● Match colors. ● Learn about type and how it is created. ● Change spacing and adjust baseline shift. ● Use the Drop Shadow style. ● Apply anti-aliasing to type. ● Modify type with Bevel and Emboss and Repousse. ● Apply special effects to type using filters. ● Create text on a path.
<p>Unit Title: Adobe Illustrator</p> <p><u>Essential Questions:</u></p> <ul style="list-style-type: none"> ● What are the primary functions of Adobe Illustrator and why is it used? ● How can Adobe Illustrator be used to create an illustration? 	<p>Students will...</p> <p><u>Learning Targets:</u></p> <ul style="list-style-type: none"> ● Explore the Illustrator workspace. ● View and modify artboard elements. ● Work with objects and smart guides. ● Create basic shapes. ● Apply fill and stroke colors to objects. ● Select, move, and align objects. ● Transform objects. ● Make direct selections. ● Work with multiple artboards. ● Create point text. ● Flow text into an object. ● Position text on a path. ● Create colors and gradients. ● Apply colors and gradients to text. ● Adjust a gradient and create a drop shadow. ● Draw straight lines. ● Draw curved lines. ● Draw elements of an illustration. ● Apply attributes to objects. ● Assemble an illustration. ● Stroke objects for artistic effect. ● Use Live Trace and the Live Paint Bucket tool. ● Transform objects. ● Offset and outline paths. ● Create compound paths. ● Work with the Pathfinder panel. ● Use the Shape Builder tool. ● Create clipping masks. ● Create and modify layers. ● Manipulate layered artwork. ● Work with layered artwork. ● Create a clipping set.
<p>Unit Title: Integrating Illustrator, Photoshop, and InDesign</p> <p><u>Essential Questions:</u></p> <ul style="list-style-type: none"> ● How does the selection of the 	<p>Students will...</p> <p><u>Learning Targets:</u></p> <ul style="list-style-type: none"> ● Copy and paste from Illustrator to Photoshop. ● Export layers from Illustrator to Photoshop.

appropriate software application lead to a successful product?

- Create a Chisel Hard Emboss layer style.
- Create a Stamp Visible layer.
- Create a Smooth Emboss layer style.
- Create and apply a Gradient Overlay to a layer style.
- Create a Pillow Emboss layer style.
- Copy layer styles between layers.
- Add an Outer Glow layer style.
- Apply blending modes.
- Create an InDesign output file.