

SECONDARY CREATIVE COMPUTING CURRICULUM (SCC 5)

(SSS 2)

GRAPHIC DESIGN

TERM OUTCOMES

By the end of the term, the students will learn the fundamentals of Graphic design using Adobe Photoshop.

Graphic design is the art or profession of visual communication that combines images, words, and ideas to convey information to an audience, especially to produce a specific effect. In other words, graphic design is communication design; it is a way of conveying ideas through visuals and design.

Why learn Graphic design?

- The students should be able to understand the concept of Graphic Design
- Students should be able to edit images professionally
- Students should be able to create banners and posters
- Students should start designing their own projects

WEEK	MODULE	CONTENT	PERFORMANCE OBJECTIVES
FIRST	OVERVIEW AND REAL LIFE APPLICATIONS OF GRAPHIC DESIGN	Functions and real life application of Graphic design	<p>At the end of this lesson, participants will be able:</p> <p>To have a good insight and understanding of graphics design after extensive demonstration, explanation and showcasing real-life projects.</p>
SECOND	INTRODUCTION TO GRAPHIC DESIGN (USING ADOBE PHOTOSHOP)	<p>Understanding the Basics of Adobe Photoshop</p> <ul style="list-style-type: none"> - <i>Interface</i> - <i>Menu, Application and Option Bar</i> - <i>Tool bar</i> - <i>Scroll bar</i> 	<p>At the end of this lesson participants will be able:</p> <p>To learn the concept of Graphic design.</p> <p>To have knowledge about Adobe Photoshop and the different bars, panels and</p>

		<ul style="list-style-type: none"> - Panels - Document Tab - Document window - Status bar 	windows present on the interface .
THIRD	ADOBE PHOTOSHOP TOOLS	<p>LEARN TO CREATE A DOCUMENT:</p> <ul style="list-style-type: none"> - Create a canvas - Resize a canvas <p>LEARN TO CUSTOMIZE A DOCUMENT USING PHOTOSHOP TOOLS, THEY INCLUDE:</p> <ul style="list-style-type: none"> - Zoom tool - Pen tool - Shape tool - Hand tool - Crop tool - Quick Selection tool <p>SHORTCUTS IN ADOBE PHOTOSHOP</p> <ul style="list-style-type: none"> - Discuss what shortcuts are and why we use them - Demonstrate various shortcuts in Adobe Photoshop 	<p>At the end of this lesson participants will be able:</p> <p>To understand what a canvas really mean and learn how to create and resize a canvas.</p> <p>To know the uses of the various tools for customizing a canvas in Adobe Photoshop and their individual shortcuts.</p>
FOURTH	SAVING PROJECTS AND FILE FORMATS	<p>WORKING DOCUMENT</p> <ul style="list-style-type: none"> - Saving a working document to be continued <p>FINISHED PROJECT</p> <ul style="list-style-type: none"> - Saving a finished project <p>FILE FORMAT/TYPE</p> <ul style="list-style-type: none"> - .psd file format - .jpeg file format 	<p>At the end of this lesson participants will be able:</p> <p>To distinguish between a working document and a finished project.</p> <p>To differentiate between the file formats/types and identify the format for saving a project.</p>

FIVE	IMAGE MANIPULATION I	<p>VARIOUS IMAGE MANIPULATION TECHNIQUES</p> <ul style="list-style-type: none"> - Open an <i>image</i> - Customize an <i>image</i> - Crop an image - Move image around the window - Zoom image in and out within the window <p>INTRODUCTION TO LAYERS</p> <ul style="list-style-type: none"> - Create <i>layers</i> - Mark objects on <i>layers</i> - Customize <i>layers</i> - Hide/show <i>layers</i> - Working with <i>layer masks</i> <p>TOOLS FOR IMAGE MANIPULATION</p> <ul style="list-style-type: none"> - <i>Clone Stamp tool</i> - <i>Lasso tool</i> - <i>Marquee tool</i> - <i>Brush tool</i> - <i>Spot healing brush tool</i> - <i>Eyedropper tool</i> 	<p>At the end of this lesson participants will be able:</p> <p>To open images in Adobe Photoshop and customize an image with any tool of interest.</p> <p>To learn the use of layers from the panels for image manipulations in Adobe Photoshop.</p>
SIX	IMAGE MANIPULATION	<p>PHOTO CORRECTIONS</p> <ul style="list-style-type: none"> - <i>Healing brush tool</i> - <i>Spot brush tool</i> - <i>Patch tool</i> - <i>Content aware move tool</i> - <i>Red eye tool</i> 	<p>At the end of this lesson participants will be able:</p> <p>To fix image imperfections such as blemishes, scratches, etc by sampling the surrounding area or using predefined patterns and blend the imperfections into the rest of the image.</p> <p>To manipulate image pixels without using layers or masks</p>
			At the end of this lesson participants will be able:

SEVEN	BANNER	BANNER DESIGN <ul style="list-style-type: none"> - <i>Canvas</i> - <i>Layers</i> - <i>Text tool</i> - <i>Shape tool</i> - <i>Marquee tool</i> - <i>Quick selection tool</i> 	To demonstrate individual ideas on <i>banner</i> design using previous knowledge on tools usage.
EIGHT	POSTER	POSTER DESIGN <ul style="list-style-type: none"> - <i>Canvas</i> - <i>Text tool</i> - <i>Layers</i> - <i>Shape tool</i> - <i>Marquee tool</i> - <i>Quick selection tool</i> 	<p>At the end of this lesson participants will be able:</p> <p>To demonstrate individual ideas on <i>poster</i> design using previous knowledge on tools usage.</p>
NINE-TEN	SCHOOL ACTIVITIES CALENDAR	<p>Students will design a professional calendar marking school activities and important dates for the term.</p> <p>Pitching and Presentation: The Design and Prototype must be solving a problem</p>	<p>At the end of this lesson, participants will be able:</p> <p>To pitch their ideas and hatch them into real-life projects.</p>