

Course Title:	Graphic Design
Head of Department:	Ms. Maria Azfar
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Cycle/Division:	High School
Grade Level:	10
Credit Unit:	0.5 Credit
Duration:	1 Year (2 Semesters) 5 Periods per 2 Weeks
Course Prerequisites:	NIL

Department's Vision:	<ul style="list-style-type: none"> Preparing students to participate creatively in the establishment, sustenance and growth of a rapidly developing and changing digital world.
Department's Mission:	<ul style="list-style-type: none"> Imparting practical and theoretical knowledge by hands on digital devices to develop the ability to use up to date computing skills of technology that will help them excel in all subjects as well as everyday life.

<i>COURSE DESCRIPTION:</i>
<p>In this course the students will use Adobe Photoshop CS5. The students will learn and practice designing and manipulating images for print layouts, web publishing, multimedia, video, photography and for visually expressing creative ideas.</p> <p>The students will also become well aware of the theoretical topics such as digital technology, computer ethics and crime, and leveraging technology in business.</p>
<i>GENERAL COURSE LEARNING OBJECTIVES:</i>
<p>The students will be able to:</p> <ul style="list-style-type: none"> Explain the expanding computer and technology field. Learn how computers work and impact our lives. Explain the threats posed by computer virus. Describe strategies for protecting computer systems and data. Explain the rules of ethics in computing. Explain and give examples of information systems. Outline the process for designing and developing a new information system. Discuss the different phases of the software development life cycle Distinguish between consumer e-commerce and business to-business (B2B). Discover new features in Photoshop. Use adobe Photoshop CS5 work area. Create a good selection in Photoshop.

- Practice using Photoshop painting tools, such as the painting, cloning and healing tools
- Create interesting imagery in Photoshop, including compositions, filter effects and even 3D
- Create composition, repair images, and use effects
- Build a layered file and use features such as adjustment layer
- Use smart objects add more capabilities to Photoshop non-destructive workflow
- Apply artistic effect to images

I.

STANDARDS/BENCHMARKS:

- ❖ **9_12.CI. Creativity and Innovation**
 3. Use a variety of media and formats to design, develop, publish, and present projects (e.g.: newsletters, websites, presentations, photo galleries).
- ❖ **9_12.CC. Communication and Collaboration**
 1. identify various collaboration technologies and describe their use (e.g., desktop conferencing, listserv, blog, wiki)
 2. use available technologies (e.g., desktop conferencing, e-mail, videoconferencing, instant messaging) to communicate with others on a class assignment or project
- ❖ **9_12.RI. Research and Information Literacy**
 2. Identify, evaluate, and select appropriate online sources to answer content related questions.
 7. Understand that using information from a single internet source might result in the reporting of erroneous facts and that multiple sources must always be researched
- ❖ **9_12.CT. Critical Thinking, Problem Solving, and Decision Making**
 3. Devise research question or hypothesis using information and communication technology resources, analyze the findings to make a decision based on the findings, and report the results.
- ❖ **9_12.DC. Digital Citizenship**
 4. Identify ways that individuals can protect their technology systems from unethical or unscrupulous users.
 2. Discuss possible long-range effects of unethical uses of technology (e.g., virus spreading, file pirating, hacking) on cultures and society.
 6. Discuss and adhere to fair use policies and copyright guidelines.

❖ **9_12.TC. Technology Operations and Concepts**

- 10. Identify common graphic, audio, and video file formats (e.g., jpeg, gif, bmp, mpeg, wav, wmv, mp3, flv, avi, pdf).
- 12. Demonstrate how to import/export text, graphics, or audio files.

II.

RESOURCES:

- ✓ Adobe Photoshop CS5 textbook.
- ✓ Adobe attached resources DVD (lesson tutorial videos).
- ✓ Computers - Understanding Technology (Theory)
- ✓ ICT Lab
- ✓ Projector
- ✓ Smart Board
- ✓ PCs
- ✓ Surface Pro
- ✓ FROGOS
- ✓ Techno Manage Website
- ✓ Server Space
- ✓ USB

III.

COURSE OUTLINE:

Semester 1:

<u>Chapter's #</u>	<u>Chapter (Practical)</u>	<u>Lesson(s)</u>
1	Exploring Photoshop <i>(Adobe Photoshop CS5)</i>	• Creating a panorama from three images
		• Adding selection to image
		• Fading one image into another
		• Adding text
2	Getting to Know the Workspace <i>(Adobe Photoshop CS5)</i>	• Navigation the image area
		• Accessing tools and their options
		• Using panels

3	Making the Best Selection <i>(Adobe Photoshop CS5)</i>	• The importance of a good selection
		• Using the quick selection tool
		• making difficult selections with the refine edge feature
		• Using quick mask
Chapter's #	Chapter (Theory)	Lesson(s)
1	Touring Our Digital World <i>(Computers Understanding Technology Grade 10)</i>	• Being immersed in digital technology
		• Discovering the computer advantage
		• Understanding how computers work
		• Differentiating between computers and computer systems
		• Understanding hardware and software
		• Identifying categories of computers
9	Understanding your role as a digital citizen <i>(Computers Understanding Technology Grade 10)</i>	• Assessing the risk of computing
		• Avoiding computer viruses
		• Protecting computer systems and Data
		• Understanding the role of ethics

Semester 2:

Chapter's #	Chapter (Practical)	Lesson(s)
4	Painting and Retouching <i>(Adobe Photoshop CS5)</i>	• Setting up your color settings
		• Color primer
		• The RGB color model
		• Editing color settings
		• Applying color to an image
5	Getting to Know Layers <i>(Adobe Photoshop CS5)</i>	• Discovering layers
		• Naming layer
6	Taking Layers to the Max <i>(Adobe Photoshop CS5)</i>	• Making color changes using adjustment layers
		• Refining the adjustment layer mask
		• Applying a gradient to the adjustment layer
7	Using Adobe Photoshop Filters <i>(Adobe Photoshop CS5)</i>	• Filter basics
		• Starting to use filters

		<ul style="list-style-type: none"> Using the clouds filter Enabling and disabling effects
9	Creating Images for the Web and Video <i>(Adobe Photoshop CS5)</i>	<ul style="list-style-type: none"> Viewing completed file Changing your units of measurement Creating the text for the links Saving files for videos
10	Introduction 3D <i>(Adobe Photoshop CS5)</i>	<ul style="list-style-type: none"> Creating a 3D object Getting an image ready for 3D Wrapping the image around a soda can Adjusting the lighting Rasterizing your 3D images Testing your animation
11	Adobe Photoshop CS5 New Features <i>(Adobe Photoshop CS5)</i>	<ul style="list-style-type: none"> Mini bridge Puppet Warp Turn 2D objects into 3D Content aware retouching
9	Understanding your role as a digital citizen <i>(Computers Understanding Technology Grade 10)</i>	<ul style="list-style-type: none"> Understanding the roles of ethics Exploring privacy protection issues Examining property protecting issues Thinking about personal and social issues
10	Leveraging Technology in business <i>(Computers Understanding Technology Grade 10)</i>	<ul style="list-style-type: none"> Understanding information systems and their functions Planning and analyzing information systems Designing and developing information systems Implementing information systems Supporting and maintaining information systems

IV.

GRADING:

Grading Policy/ Assessment Tools:

- Quiz
- Graded Classwork
- Graded Worksheet
- Project
- Portfolio
- Class Participation

➤ Grade Distribution:

<u>Semester 1</u>		<u>Semester 2</u>	
<u>Assessment</u>	<u>Points/Weight</u>	<u>Assessment</u>	<u>Points/Weight</u>
Quiz	15	Quiz	15
Graded Classwork	15	Graded Classwork	15
Graded Worksheet	10	Graded Worksheet	10
Project	10	Project	10
Portfolio	10	Portfolio	10
Class Participation	10	Class Participation	10
Exam	30	Exam	30

Cross-Curricular Project(s):

- 1 project per semester that is integrated with two or more subjects depending on the topic.