

Department: Technology Education

Grades: 10, 11, 12

Course Title: Digital Photography and Graphic Design

Course: #725

DESCRIPTION OF COURSE: This course is designed to introduce students to the types and purposes of Communication Technology needed for the printing and publishing industry. Students will learn how to operate peripherals (scanner, digital camera, printer, and projection equipment), and complete assignments related to the printing and publishing industry. Students will explore areas of communications and advertising that require them to create, produce, and perform various presentations. Students will complete, in groups and individual, activities in: communications systems, digital photography, and graphic design, principles of layout and design, and desktop publishing. In addition, students will be exposed to publishing software. This class is designed to give every student an understanding of communications and the practical skills utilized in the workplace and in post secondary education. This course is designed to provide students with an introduction to photographic composition, digital photography, and digital image editing. Students will study the history of photography, learn different camera types, experiment with lighting and subject placement, demonstrate the skills required to compose and produce quality photographs, and master the concepts of photographic composition. In addition, students will learn advanced operation of a digital camera. A considerable amount of the course will involve practical assignments on composition, positioning, lighting special effects, portrait photography, and still photography. This course is an excellent choice for those students planning to major in art, graphic design, desktop publishing, film, video, and communications at a post-secondary school.

REQUIRED TOPICS OF STUDY	SUGGESTED INTRUCTIONAL TIME	STANDARDS/ ASSESSMENT ANCHORS
<i>Digital Camera Nomenclature and Functions</i>	<i>1 Week</i>	<i>3.7.10 D</i>
<i>Photographic Editing Software</i>	<i>2 Weeks</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Fundamentals of Black and White Photography</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Photographic Editing Techniques</i>	<i>3 Weeks / Ongoing</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Elements of Graphic Design</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Principles of Graphic Design</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Fundamentals of Typography</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Layout Elements</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Layout Methods</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Digital Image Capture</i>	<i>2 Days</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Digital Printing Fundamentals</i>	<i>1 Week</i>	<i>3.6.10 B 3.7.10 D</i>
<i>Digital Color Management</i>	<i>1 Week</i>	<i>3.7.10 D</i>
<i>Booklet layout, Design and Publication</i>	<i>2 Weeks</i>	<i>3.7.10 D</i>

INSTRUCTIONAL RESOURCES:

<i>Computers, Software, Digital Camera, Photo Printer, Paper Cutter</i>	
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