

# **South Fork High School ROP Digital Photography**

## **COURSE DESCRIPTION:**

This semester course is a beginning study in Digital Photography. The class is structured around projects emphasizing photographic elements. It will introduce the student to the principles of contemporary media as a verbal and visual means of communication in today's society,

## **STUDENT OUTCOMES**

1. Demonstrate ability to analyze and create printed and electronic media for effective visual and verbal communication using computers, and graphics programs.
2. Understand the skills and language of computer graphics in order to respond to sensory information received from other work created using computer graphics and contemporary media.
3. Understand historical contributions to computer graphics, such as typography, and understand the cultural influence on computer graphics and contemporary media.
4. Exhibit the ability to evaluate other artwork created by contemporary media using computer graphics and art principles and elements terminology.
5. Extend knowledge gleaned from computer graphics to other subject areas and careers.

## **COURSE OBJECTIVES**

1. The student will analyze her own computer-generated artwork and other contemporary media artwork, utilizing terms of art principles and computer graphics. (Standard 1, Standard 2)
2. The student will demonstrate an increasing skill in utilizing computer graphics. (Standard 2)
3. The student will understand of the principles of art and elements of design as they relate to contemporary media artwork. (Standard 1, Standard 4)
4. The student will be aware of the influence of past generations in the desktop publishing field especially as relates to photography. (Standard 3)
5. The student will evaluate the quality of her own photos using appropriate terminology and compare it to that of professional graphic artists. (Standard 1, Standard 2, Standard 4)
6. The student will use contemporary media to effectively present concepts of other subject areas, for example, posters of social issues. (Standard 2, Standard 5)
7. The student will develop the skills of time management and resource usage to help her in any career, and will be aware of practical applications of her skills. (Standard 2, Standard 5)
8. The student will identify different career options available in the graphic arts field. (Standard 5)

## **COURSE OUTLINE**

### **1. Digital Photography Basics**

Reasons to go digital, downloading/resizing/saving/sharing your first picture and how a digital camera works

### **2. Evaluating Digital Images**

Meet the needs of visual learners, save photos in more than one file format and how to compress a picture file

### **3. Digital Photo Editing**

Create edited pictures by rotating, resizing/compressing, adjusting sharpness, brightness/contrast, hue/saturation and by adding text to a photo

### **4. Special Effects**

Create panorama pictures with two or more pictures, use filters and effects to transform pictures into works of art

### **5. Images on the Web**

Ethics of photo manipulation and use of copyrighted images, create animated gifs using online tools

### **6. Scanners**

Use a scanner for text or images, insert scanned images into documents and basic graphic design principles

### **7. Projects Using Digital Images**

Create an animated slideshow and a webpage, postcard, book jacket or other project that incorporates digital images

### **8. Final Project**

Construct a lesson or presentation that uses digital images

### **9. Wrap-Up**

Evaluate the projects created by others and make plans for using digital image skills and knowledge in the future