

DEPARTMENT: Technology/Art
COURSE: Computer Graphics
CREDITS: 5

Objectives / Proficiencies Computer Graphics II

Students in grades 11 and 12 will:

1. Average a passing grade on all assigned work including tests, classwork, and projects.
2. Demonstrate appropriate clean up and maintenance of the computer lab.
 - a. Proper storage or disposal of all unfinished work.
 - b. Properly cleaning work area.
3. Demonstrate an understanding of the appropriate use and care of the computer and all the peripheral equipment.
 - a. Students will use the computer and peripherals in the prescribed manor.
 - b. No downloading of inappropriate material or loading of games.
 - c. Scanning of material for projects only.
4. Students will demonstrate the appropriate use of time in the completion of a project.
5. Students will recognize and demonstrate knowledge of the elements and principles of design in the development of projects.
6. Students will produce a series of graphics using Adobe Illustrator, incorporating design and computer knowledge to complete the projects.
 - a. Using existing elements of the program.
 - 1)tools
 - 2)shapes
 - 3)colors
 - 4)patterns
 - 5)type
 - b. Incorporating new upgrades and downloaded elements to the program.
 - 1)custom patterns
 - 2)palettes
 - 3)filters

7. Students will produce a series of graphics using Adobe Photoshop, incorporating design and computer knowledge to complete the projects.
 - a. Using existing elements of the program.
 - 1)tools
 - 2)importing/exporting of files
 - 3)layers
 - b. Incorporating new upgrades and downloaded elements to the program.
 - 1)palettes
 - 2)filters
- 8 Students will experiment with the use of Panatones
 - a. DPI relationship
 - b. Palette selection
 - c. Monitor to printer relationship
9. Students will complete at least three major graphics using techniques from the following areas.
 - a. Illustrator
 - 1) drawing shapes
 - 2) painting and filling
 - 3) combining & arranging of shapes
 - 4) color theory
 - 5) text
 - 6) manipulating images
 - b. Photoshop
 - 1) importing files
 - 2) layering
 - 3) background
 - 4) textures
 - 5) merging images
 - 6) file & image size
 - c. Digital Photography
 - 1)lens
 - 2)resolution
10. Students will demonstrate care and respect for the work of others.
11. Students will recognize the opportunity for career in Graphic Design.
 - a. understand that careers in Graphic Design do exist and the fact that this career is ever changing with the changes in technology.
 - b. Identify and investigate the range of careers in Graphic Design through:
 - 1) readings
 - 2) guest speakers
 - 3) trips

12. Students will use appropriate terminology when discussing, critiquing and writing about graphic works of art.