Egg Harbor Township Schools

Industrial Technology Department

Digital Photography and Applications

Grades: 9-10-11-12   5 Credits

Course Description

This course will introduce digital photography, using digital cameras with Photo Shop Software. Applications will relate to photography and the preparation of printed communications.

Course Outline

I.   Introduction
   A.   Description of Course
   B.   Rules and Procedures

II.   Technology Background
   A.   History
   B.   Applications
   C.   Future

III.   Measurement
   A.   English vs. Metric
      1. Decimal
      2. Future
      3. Problems and concerns
   B.   Measuring Instruments
      1. Scales
      2. Bench Rules
      3. Tape Measures
      4. Others
   C.   1. Scaling 1" = 1"
      2. Others
         a. Reductions
         b. Enlargements

IV. Safety
    A. Fire Drills
    B. Safe Use of Equipment
        1. No horseplay.
        2. Don't put pencils or equipment in their mouth.
        3. Passing of germs and prevention.

V. Introduction to Photo Shop
    A.   Contact Sheets
    B.   Cropping
    C.   Adjustments
    C.   Two on a sheet
    D.   Four on a sheet
    E.   Etc…

VI. Scanner
    A.   Procedures
    B.   Picture Package
    C.   Etc…

VII. Photo Shop
    A.   Layers
    B.   Gradients
    D.   Procedures
    E.   Threshold
    F.   Touch Up
        1.   Red Eye
        2.   Dodge
        3.   Burn
    G.   Artistic
    H.   Vignette
    I.   Cut Out – Lasso
    J.   Etc…

VIII. Digital Cameras
    A.   Usage and Procedures
    B.   Technology Changes
    C.   Models and Manufactures
    D.   Etc…

IX.   Applications
        A.   Holiday Card
        B.   Post Card
        C.   ID Badge
        D.   Photo Art
        E.   Photo Illustrations
        F.   Magazine Covers
        G.   Greeting Cards
        H.   Etc…

X.   Portfolio

SLO's

The student will be able to:

- Measure to the closest 1/16 of an inch using the English System of Measurement.

- Use the English Measurement System and adapting to decimal when using the Photo Shop software.

- Conduct him or herself in a safe manner at all times.

- Understand all safety drills and know where to go if a drill or alarm goes off during class time.

- Use and understand digital cameras and their relationship with the Photo Shop Software.

- Digitally be able to organize and use their photo data.

- Understand and use the Photo Shop Software properly on all assignments.

- Use the color printer properly for all photo projects.

Equipment and Supplies

Photo
- Photo Shop Software
- Color Printers
- 8x10 Photo Paper
- Cameras
- Laminating – Luggage Tags – Pouches – Laminators
- Scanners
- Hand Paper Cutter

Teaching Aids
- Elmo
- Projector
- Screen