Multimedia Basics

Course Name: Multimedia Basics
Course ID Number :   501001CH
Subject Area   Career & Technology Education
Duration of Course: 9 Weeks
Course Weighting   College Preparatory
Unit Value   .5 Unit
Estimated Completion Time   9 Weeks

Summary Course Description:
This course covers basic multimedia concepts and applications utilizing text, graphics, animation, sound, video, and various multimedia applications in the design, development, and creation of multimedia presentations and publications within an interactive environment.

Scope and Sequence:
Unit 1   Introduction to Multimedia
Unit 2   Text in Multimedia
Unit 3   Graphic Design
Unit 4   Image Editing
Unit 5   Animation in Multimedia
Unit 6   Audio in Multimedia
Unit 7   Video in Multimedia
Unit 8   Careers in Multimedia

State Standards:
  I.   Introduction to Multimedia
         a.   Define terms related to multimedia.
         b.   Identify the multimedia components.
         c.   Identify uses of multimedia.
         d.   List multimedia design principles.
  II. Basics for Multimedia Projects
         a.   Distinguish between presentation and authoring software.
         b.   List key features of presentation software programs, authoring, graphics, 2-D animation, and 3-D animation programs.
         c.   List key features of 3-D animation software programs.
         d.   Describe the process of planning, organizing, and storyboarding a multimedia project.
  III. Design Principles
         a.   Demonstrate effective use of color.
         b.   Demonstrate effective use of type fonts.
         c.   Demonstrate effective use of clip art and other graphics in multimedia.
         d.   Explain the term "effective white space."
  IV. Digital Imaging
         a.   Define various types of graphic files.
         b.   Acquire digital image from sources such as scanner, digital cameras, camcorder, Internet, etc.
         c.   List factors that affect quality imaging.
         d.   Edit a digital image.
  V.   Animation
         a.   Define various types of animation files.
         b.   Create animated objects and clip art.
         c.   Create original graphic images.
         d.   Create 2-D animation.
         e.   Insert animation in a thematic multimedia presentation.

VI.   Audio
- a. Define various types of audio files.
- b. Create vocal and music files.
- c. Convert audio files.
- d. Insert audio files from various media in a thematic multimedia presentation.

VII.   Video
- a. Define various types of video files.
- b. Create video files.
- c. Edit digital video files.
- d. Insert digital video files into a thematic multimedia presentation.

VIII.   Multimedia Equipment
- a. Identify multimedia equipment.
- b. Discuss multimedia development equipment, including video capture cards, scanners, digital and video cameras, web cameras, projection systems, etc.

IX.   Multimedia Presentation
- a. Determine the appropriate type of multimedia presentation based upon purpose, intended audience, life of the presentation, cost limits, time restraints, and equipment availability.
- b. Create an outline/storyboard for a presentation.
- c. Create a thematic presentation using text, charts, tables, graphics, drawing tools, audio and video capabilities, etc.
- d. Deliver a multimedia presentation using appropriate media based upon audience, room size, room setup, and environment using professional standards and techniques.
- e. Use rubrics to evaluate your own and the presentations of others.

X.   Careers
- a. Identify careers in the multimedia creation and publishing industry.
- b. Identify education and training requirements for a career in multimedia creation and publishing.
- c. Use the Internet to research a career related to the field of multimedia.
- d. Create a multimedia presentation using the results of the career research.

Evaluation / Assessment:
Minor Grades	40%
Weekly Assignments	
Weekly Quizzes	
Projects	60%

Resources:
Teacher Created Materials
www.wevideo.com
www.pixlr.com

Grading Policy:
http://www.boarddocs.com/sc/greenville/Board.nsf/Public#

Communication and Participation Requirements:
Communication and Participation in an online class is critical to successful completion of the course. Although students can access the course at a time that is convenient for them, they are expected to log on regularly and consistently. Students should meet all deadlines per the syllabus and/or pacing guide and notify the instructor in advance as quickly as possible when extenuating circumstances arise that prohibit the student from participating in the class or meeting an expected deadline. Students are to communicate with their instructor through the various methods available and posted in the course material.

Intellectual Honesty and Plagiarism Expectations:

Students are expected to do their OWN work at ALL times. Any acts of intellectual dishonesty, such as having someone else complete work or plagiarizing a source, will not be tolerated. On the first infraction, the student will receive a 49 on the assignment and the teacher will notify the student, parent, and home school via email, informing them that if the student plagiarizes again, he/she may be withdrawn from the course with an F. If a second act of plagiarism is committed, the teacher will first contact the GCVSP. Then, the teacher will notify the student that he/she may be withdrawn from the course with an F (Withdrawn Failing = WF). The teacher is responsible for communicating with the student, parent, and home school via email regarding these decisions. The GCVSP administration will review and may withdraw the student from the course with an F for a violation deemed appropriate for course removal, including but not limited to, academic integrity or student conduct violations. The student may not take another course during the academic school year in which the violation occurred.