

MULTIMEDIA PROJECTS ---- 2009-2010

Units: 1

Prerequisites: Prior computer experience and keyboarding are extremely helpful. Students should possess strong grammar skills and have the ability to read and follow directions.

Instructor: Mickey Turner

Instructional Materials: Apple Study Guides, Software manuals, tutorials

Materials: All materials are provided for students with the exception of a pen/pencil.

Standards: A \geq 93, B \geq 86, C \geq 78, D \geq 70

Grading: 70% lab, 20% employability, 10% final project

Target Audience: High School, grades 10-12

Course Description: Multimedia Projects focuses on giving students a broad understanding of various multimedia devices and software.

Lab Requirements: iMac G5 computers with Internet access, digital cameras, digital video cameras, scanners, various midi devices, iMovie, iPhoto, Pages, Keynote, mPower, eZedia QTI, Microsoft Office, Garage Band, Print Shop, Adobe Premiere.

Course Objectives: Upon completion of this course, students will have an understanding of:

- Define terms related to multimedia
- Describe the process of planning and organizing a multimedia project
- Acquire digital images from sources such as scanner, digital cameras, camcorder, or the Internet, etc.
- Edit a digital image through various processes
- Demonstrate design principles relating to effective use of digital images
- Define various types of audio files
- Download, record and edit audio files
- Record and edit video files
- Create, capture, and edit digital video files
- Insert digital video files into a thematic multimedia presentation
- Determine the appropriate type of multimedia presentation based upon purpose, intended audience, life of the presentation, cost limits, time restraints, and equipment availability.
- Create presentations using text, graphics in the form of clip art, drawing tools, and audio and video capabilities, etc.
- Deliver the presentation using professional standards and techniques
- Deliver multimedia presentation using appropriate media based upon audience, room size, room setup and environment
- Use appropriate guidelines to evaluate your own and others presentations

Course Outline

- 1. Using the equipment** **1 weeks**
 - Introduction to the Mac
 - Digital cameras
 - Scanners

- 2. Printed Material** **2 week**
 - Using Pages
 - Creating Bulletin Boards
 - Creating a Professional Resume
 - Creating Business Cards
 - Designing Newsletters

- 2. Presentations** **3 weeks**
 - Creating effective presentations
 - Multimedia careers
 - Using Keynote
 - Using mPower
 - Using eZediaQTI
 - Presenting to an audience

- 3. Using Presentations to Teach/Instruct** **1 weeks**
 - Using PowerPoint
 - Creating Hyperlinks
 - Using Templates
 - Evaluating and Assessing Presentations

- 4. Working with Video** **7 weeks**
 - Learning and Using iMovie
 - Scanning Pictures
 - Using a Digital Camera
 - Using a Digital Video Camera
 - Importing Video
 - Presenting to an audience

- 5. Creating and Editing Audio** **2 weeks**
 - Using midi input devices
 - Using Garage Band

- 6. Individual Multimedia Project and Final Exam** **2 weeks**
 - Conducting internet research
 - Evaluating presentations
 - Pulling it all together