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## COURSE SYLLABUS

**Division:** Workforce Services

**Revised:** January 2015

**Curricula in Which Course is Taught:** Technical Studies – Wood Science Technology

**Course Number & Title:** ART 130 Introduction to Multimedia

**Credit Hours:** 4 **Hours/Wk Lecture:** 2 **Hours/Wk Lab:** 4 **Lec/Lab Comb:** 6

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### I. Catalog Description

Introduces the student to the basic components of multimedia: text, graphics, animation, sound, and video, and explores how the components combine to create a multimedia product. Emphasizes the design aspects of multimedia projects and teaches the techniques required to develop a presentation.

Lecture 2 hours. Laboratory 4 hours. Total 6 hours per week. 4 credits

**II. Relationship of the course to curricula objectives in which it is taught:** The techniques taught in this course are foundational to understanding multi-media

**III. Required background** Meet the general admission requirements of the College.

### IV. Course Content

This is a project-based course that develops career and communication skills with multimedia using the principles of digital art & design. There will be lecture and instructor-lead discussions, though much of your most significant learning will happen through trial and error, discovery, repetition, and troubleshooting. Emphasis will be given to developing skills in *project management* and *collaboration, design and creativity, research and communication, and professional presentation.*

This course makes extensive use of the internet for research, collaboration, presentation, and communication. Students will need reliable access to email outside of class. A high-speed (DSL or better) internet connection will be helpful, though not required. *Every effort will be made to help students have access to the technology they need to succeed in this course.*

## V. LEARNER OUTCOMES

## VI. EVALUATION:

Upon completion, students will

- Know how to find information to solve problems
- Be able to explain the concept of cloud computing
- Use mind-maps to organize information
- Know the basics of designing and delivering effective presentations
- Combine text, images, and video in a range of slide ware
- Operate a digital SLR camera and take better photos
- Perform simple edits to photographs
- Understand the basic of Copyright, Fair Use and the Creative Commons
- Use online coloration tools at create and distribute content
- Create a compelling multimedia presentation
- Establish a web presence
- Record, edit, and distribute audio and video

Grades will be determined using the following methods:

- Homework/class work
- Quizzes
- Tests
- Midterm exam
- Final exam
- Class Participation

**The course supports the following education objectives:**

### DCC Educational Objectives

- Communication
- Learning Skills
- Critical Thinking
- Interpersonal Skills and Human Relations
- Computation and Computer Skills