Course Code: MULT-160
Course Title: Introduction to Multimedia
ECTS Credits: 6
Department: Design and Multimedia
Semester: Fall, Spring
Prerequisites: None
Type of Course: Major Requirement
Field: Applied Multimedia
Language of Instruction: English
Level of Course: 1st Cycle
Year of Study: 1st
Lecturer(s): Maria Christoforou
Mode of Delivery: face-to-face
Work Placement: N/A
Co-requisites: None

Recommended Optional Programme Components: N/A

Objectives of the Course:
The main objectives of the course are to:

- Introduce students to the basic concepts of multimedia and investigate how multimedia is changing our world.
- Introduce students to the 5 elements of Multimedia (Graphics, Text, Video, Sound and Animation), both theoretically and practically.
- Help students implement the 5 multimedia elements by the use of storyboarding.
- Discuss the cutting edge technology of Multimedia hardware and software.
- Introduce an authoring tool and guide students to create a linear animation.

Learning Outcomes:
After completion of the course students are expected to be able to:
1. Analyze how multimedia impacts the internet and web-based applications.
2. Demonstrate an appreciation of planning for a multimedia web site.
3. Create multimedia applications using the basic elements of multimedia (typography, graphics, sound, video & animation).
4. Combine multimedia elements with the use of storyboarding.
5. Identify and apply appropriate multimedia software and techniques for a given task.
6. Create linear, multimedia applications.

Course Contents:
1. Introduction to Multimedia (Categories, Evolution, Applications)
2. Multimedia and the Internet
3. Multimedia Graphics (creation, manipulation)
4. Text and Typography
5. Sound (editing)
6. Video (frame rate and editing)
7. Animation (uses, types, methods and tools)
8. Authoring tool (Adobe Flash CS3), Produce of linear animation project.

Learning Activities and Teaching Methods:
Lectures, Lab Presentations, Lab Tutorials, Practical Exercises and Assignment

Assessment Methods: Participation, Homework, Mid-Term (written), Project (practical).
**Required Textbook/Readings:**

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<thead>
<tr>
<th>Authors</th>
<th>Title</th>
<th>Publisher</th>
<th>Year</th>
<th>ISBN</th>
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<tbody>
<tr>
<td>Callen Coorough &amp; Jim Shuman</td>
<td>Multimedia revealed for the Web</td>
<td>Thames &amp; Hudson, Limited</td>
<td>2007</td>
<td>1 4188 3953 1</td>
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<tr>
<td>Robert Reinhardt and Snow Dowd</td>
<td>Adobe Flash CS3 Professional Bible</td>
<td>Wiley Publishing Inc.</td>
<td>2009</td>
<td>978047019372</td>
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