

<b>Module Title</b> <b>Multimedia Design</b>  <b>Keywords</b> Interaction Design, Multimedia Design, Media Types, Multimedia Authoring	Reference CM3025 SCQF Level SCQF 9 SCQF Points 15 ECTS Points 7.5 Created March 2007 Approved August 2007 Amended November 2012 Version No. 2
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## This Version is No Longer Current

The latest version of this module is available [here](#)

### Prerequisites for Module

None, in addition to course entry requirements.

### Corequisite Modules

None.

### Precluded Modules

None.

### Mode of Delivery

Key concepts are introduced and illustrated through the medium of lectures and demonstrations. Laboratory sessions provide a series of exercises designed to develop proficiency in techniques essential to the development of multimedia components and multimedia applications.

### Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2,3,4

### Aims of Module

To enable the student to apply principles of design to create multimedia components and develop multimedia solutions.

Component 1 - Coursework

### Indicative Bibliography

1. PREECE, J., SHARP, H., and ROGERS, Y. 2015. Interaction Design. John Wiley & Sons
2. LIDWELL, W. 2015. The Pocket Universal Principles of Design: 150 Essential Tools for Architects, Artists, Designers, Developers, Engineers, Inventors, and Makers. Rockport

## **Learning Outcomes for Module**

On completion of this module, students are expected to be able to:

- 1.Design multimedia components using appropriate design methods.
- 2.Select appropriate media and design media components to meet the requirements of a design brief.
- 3.Develop multimedia solutions to the design brief.
- 4.Evaluate the effectiveness of the multimedia solution.

## **Indicative Module Content**

Interaction design  
modelling,  
storyboards,  
scenarios, multimedia  
authoring,  
environments,  
multimedia  
controllers,  
multimedia,  
applications,  
multimedia data  
types, streaming,

3.LEWIS, C. and RIEMAN, J., 2008.

Task-Centred User Interface Design: A Practical Introduction. Shareware book: available from

<http://users.cs.dal.ca/~jamie/TCUID/tcuid.pdf>

usability and user  
satisfaction  
evaluation, multiple  
device applications.

### **Indicative Student Workload**

<i>Contact Hours</i>	Full Time
Lectures	12
Laboratories	36
Assessment	10

<i>Directed Study</i>	
Coursework Preparation	26
Directed Reading	28

<i>Private Study</i>	
Private Study	38