Course Name (English)	ADVANCED MULTIMEDIA AND INTERACTIVE DESIGN APPROVED
Course Code	CIT542

MQF Credit	4

Course Description	This course is an advanced step of multimedia production that will introduce students to basic scripting and programming language, and web page development and publishing. Students will be using more than one media type in the development of the multimedia project. Instruction will include hands-on training in use of the software and technology needed for the preparation and presentation of multimedia projects.

Transferable Skills	Using Adobe Flash and Dreamweaver

Teaching Methodologies	Lab Work, Practical Classes, Web Based Learning, Presentation, Self-directed Learning, Directed Self-learning , Computer Aided Learning

CLO	CLO1 Produce multimedia project with an appreciation of variety of design principles and skills required to develop a professional application. CLO2 Apply scripting and programming language in the multimedia project. CLO3 Display multimedia titles on the web. CLO4 Initiate a complete new media project as part of a team.

Pre-Requisite Courses	No course recommendations

Topics
1. ActionScript Part I 1.1) ActionScript Fundamentals 1.2) Variables 1.3) Data and Data types
2. ActionScript Part II 2.1) Operators 2.2) Statements 2.3) Conditionals 2.4) Loop Statements 2.5) Functions
3. ActionScript Part III 3.1) Events and Events Handlers 3.2) Arrays 3.3) Objects and Classes 3.4) Movie Clips 3.5) Lexical Structure
4. Applied ActionScript 4.1) ActionScript Authoring Environment 4.2) On Screen Text Field
5. Dreamweaver Part I 5.1) Dreamweaver Tools 5.2) Setting up local sites 5.3) Basic Web Pages 5.4) Editing Code
6. Dreamweaver Part II 6.1) Working with Images 6.2) Working with Links 6.3) Inserting & Playing Media 6.4) Fonts and Characters 6.5) Paragraph And Block Formatting

7. Dreamweaver Part III
7.1) Creating Html Styles
7.2) Style Sheets
7.3) Setting up Tables
7.4) Layers and Positioning
7.5) Managing Website

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Final Test	Final assessment to access student's understanding and code application.	30%	CLO2
	Group Project	Produce a multimedia titles in group	30%	CLO4
	Individual Project	1. Develop website 2. Web Critique	20%	CLO3
	Test	Ongoing assessment to test their understanding on coding and application	20%	CLO1

Reading List	Recommended Text	• **Moock, C. 2001, *ActionScript: The Definitive Guide*, U.S: OÃ¢â¬â„¢Reilly** • **Towers, J. T. 2003, *Macromedia Dreamweavers for Windows and Maci*, Berkeley CA: Peachpit Press**
	Reference Book Resources	• **Castro, E. 2003, *HTML for the world Wide Web: With XHTML and C* , Berkeley CA: Peachpit Press** • **Easterly D. 2008, *Best Practice;The Pros on Adobe Flash*, Boston: Thomson Course Technolgy** • **Rosenzweig, G. 2003, *Macromedia Flash Mx:ActionScript for Fun and* , U.S:Que Publishing** • **Shuman, J. 2008, *Adobe Flash CS3 Revealed*, Boston: Thomson Course Technolgy**
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	