



UNIVERSITI TEKNOLOGI MARA

ADE610: INTERACTIVE MULTIMEDIA

Course Name (English)	INTERACTIVE MULTIMEDIA APPROVED
Course Code	ADE610
MQF Credit	3
Course Description	This course provides to the students in learning the principles and fundamental techniques, skills and processes of creating interactive multimedia through hands-on activities. It involves in critically reviewing current visual art professional multimedia projects as an important part of the learning process. Macromedia Director or other relevant software will be used to integrate all the media and imported animations. Specific software instruction will introduce the students to text & graphics, digital-imaging processes and manipulation, sound and video digitizing and the use of existing pre-created animations. Students are free to use and explore any other software available in the computer laboratory. The final emphasis is on designing a creative and functional multimedia interface.
Transferable Skills	Technology savvy Creative and Innovative Independent and Critical Thinker Solution Provider Expert in the Field
Teaching Methodologies	Lectures, Blended Learning, Demonstrations, Practical Classes, Web Based Learning, Presentation, Computer Aided Learning
CLO	CLO1 Use interactive multimedia technology. CLO2 Differentiate concepts of the selected authoring program. CLO3 Design and create an educational application using the authoring program in a field of interest/art education.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Multimedia 1.1) n/a	
2. The multimedia computer ,œœ peripherals and functions. 2.1) n/a	
3. Text 3.1) n/a	
4. Graphic and animated Graphics 4.1) n/a	
5. Audio & working with sounds 5.1) n/a	
6. Moving Pictures 6.1) n/a	
7. Designing Multimedia 7.1) n/a	
8. Authoring Multimedia: Macromedia Director/Multimedia Autoware/Multimedia Tool book 8.1) n/a	
9. Multimedia and the internet 9.1) n/a	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Final Project	Students will be asked to develop a creative multimedia course ware that includes all the elements of multimedia for teaching and learning process. (RESEARCH)	20%	CLO3
	Individual Project	Students will be exposed to various types and techniques of producing animated object for the development of their multimedia course ware. (ANIMATION)	20%	CLO1
	Individual Project	Students will be exposed to various types and techniques of editing video and audio for the development of their multimedia course ware. (VIDEO)	20%	CLO1
	Individual Project	Students will be exposed to various types and techniques of editing video and audio for the development of their multimedia course ware. (AUDIO)	20%	CLO1
	Presentation	Students will be asked to develop a creative multimedia course ware that includes all the elements of multimedia for teaching and learning process. (PRESENTATION)	20%	CLO2

Reading List	Recommended Text	<ul style="list-style-type: none"> Alessi, S.M., Trollip, S.R. 2001, <i>Multimedia for Learning. Methods and Developm</i>, 3 Ed., Ally and Bacon
	Reference Book Resources	<ul style="list-style-type: none"> Ivers Karen S 2002, <i>Multimedia Projects in Education, Designing, Producing and Assessing</i> Meyer Richard E. 2001, <i>Multimedia Learning</i>, New York: Cambridge University Press Morrison, G.R., Ross, S.M, & Kemp, J.E 2004, <i>Designing effective instruction</i> , 4 Ed., Hoboken, NJ: J.Wiley & Sons Roca, Vincent, Rousseaur, Frank 2004, <i>Interactive Multimedia and Next Generation Ar</i> Zimmer Jessica E. 2003, <i>Teaching Effectively with Multimedia.</i> Gross P. 2000, <i>Director 8 and Lingo Authorized</i>, Berkeley, CA: Peachpit Press
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	