



UNIVERSITI TEKNOLOGI MARA

CSC536: MULTIMEDIA INSTRUCTIONAL DESIGN

Course Name (English)	MULTIMEDIA INSTRUCTIONAL DESIGN APPROVED
Course Code	CSC536
MQF Credit	3
Course Description	This course introduces the instructional design process and model. It emphasizes the importance of instructional design in multimedia learning application. The principles and guidelines in developing an instructional material is studied and applied to the learning application. The concepts and designs associated with ID and learning are emphasized.
Transferable Skills	Students are able to design and develop an instructional design (ID) application
Teaching Methodologies	Lectures, Blended Learning, Lab Work, Discussion
CLO	CLO1 Propose scientific skills in design and develop multimedia instructional materials CLO2 Integrate autonomous learning in multimedia instructional design CLO3 Demonstrate managerial skills in multimedia instructional design project
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Instructional Design 1.1) Introduction to Instructional Design (ID) 1.2) Advantages and limitations of ID 1.3) Major Theories Underlying ID 1.4) Instructional Design Models	
2. Processes in Instructional Design: Assessment, Analysis and Strategy 2.1) Needs assessment and analyzing the learning context 2.2) Audience/ Learner Analysis 2.3) Instructional Analysis 2.4) Assessing Learner Performance 2.5) Instructional Strategy	
3. Multimedia Instructional Design 3.1) Introduction to Multimedia Instructional Design 3.2) Project Team 3.3) Project Schedule 3.4) Media Specification 3.5) Content Structure, Interaction and Interface Design	
4. Multimedia Development and Implementation 4.1) Developing computer based learning environments 4.2) Developing web-based learning environment 4.3) Develop the performance support for the learning environment	
5. Multimedia Evaluation 5.1) Purposes of Evaluation 5.2) Formative and Summative Evaluation 5.3) Strategy and Planning for Evaluation 5.4) Measures of Validity 5.5) Instrument Development 5.6) Collecting and Analyzing Data	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Write report assignment (individual)	10%	CLO2
	Assignment	Part of Project Methodology assignment (4 or 5) pergroup	30%	CLO2
	Group Project	Proposal and presentation	10%	CLO3
	Group Project	Write report and prototype	20%	CLO3
	Online Quiz	2 quiz (On line)	5%	CLO1
	Test	Test 2	10%	CLO1
	Test	Test 1	15%	CLO1

Reading List	Recommended Text	<ul style="list-style-type: none"> Julie Dirksen 2015, <i>Design for How People Learn</i>, 2nd Ed., New Riders Publishing [ISBN: 9780134211282]
	Reference Book Resources	<ul style="list-style-type: none"> George M. Piskurich 2015, <i>Rapid Instructional Design</i>, John Wiley & Sons [ISBN: 9781118974148] Michael W. Allen 2016, <i>Michael Allen's Guide to E-Learning</i>, John Wiley & Sons [ISBN: 9781119046325] Beverly A. Reynolds 2017, <i>Getting the Life of an Instructional Designer</i>, 7th Ed., Createspace Independent Publishing Platform [ISBN: 9781546429050] Ikseon "ike" Choi, Taylor & Francis Group 2018, <i>Case-Based E-Learning Design</i>, Routledge [ISBN: 9781138904491]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	