



UNIVERSITI TEKNOLOGI MARA

EDU503: INSTRUCTION, TECHNOLOGY AND ASSESSMENT 1

Course Name (English)	INSTRUCTION, TECHNOLOGY AND ASSESSMENT 1 APPROVED
Course Code	EDU503
MQF Credit	6
Course Description	This course discusses and guides student to develop skills in five major aspects of the teaching process: (a) statement of teaching objectives; (b) selecting and planning of curricular materials and sequence of lessons; (c) selecting appropriate teaching methods and techniques; (d) preparing the use of appropriate teaching-learning technology; (e) selecting and preparing appropriate tools and methods to evaluate learning outcomes. Students will develop skills in the preparation a set of lesson plans on certain topics for their respective subjects, based on the above components.
Transferable Skills	ICT skills Developing Lesson Plan
Teaching Methodologies	Lectures, Blended Learning, Discussion
CLO	CLO1 Define lesson plan, integration of technology and assessment CLO2 Develop an instruction plan which integrate technology CLO3 Identify problems in teaching and learning using technology based on assessment and find alternative solutions
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Teaching and Learning 1.1) Definition and Theories of: 1.2) • Teaching 1.3) • Learning 1.4) Model in Teaching and Learning 1.5) • Tyler's 1.6) • Mastery Learning Model 1.7) • Constructivist Learning Model 1.8) • ASSURE	
2. Instructional Objectives 2.1) Instructional objectives and its relationship with the cognitive, affective and psychomotor domains. 2.2) • Robert Mager 2.3) • Bloom's Taxonomy	
3. Curriculum Development 3.1) Definition of Curriculum. 3.2) Structure of knowledge, pedagogy and content.	
4. Arrangement and Preparation of Subject Content based on Tyler's Model 4.1) Developing Rubrics for Lesson Unit.	
5. Arrangement and Preparation of Subject Content based on Constructivist 5.1) Principles, development and Examples of Lesson Units based on 5.2) • Project-based Learning 5.3) • Problem-based Learning 5.4) • Case Study	
6. Methods and Approaches in Teaching 6.1) Development of activities and exercises on assessment, remediation and enrichment.	

7. Inquiry and Discovery Learning

7.1) Steps in Teaching based on

7.2) • Project-based Learning

7.3) • Problem-based Learning

7.4) • Case Study

8. Techniques and Methods in Teaching

8.1) Selection, Development and Implementation of various techniques in Teaching and Learning.

8.2)

8.3) The use of media and technology.

8.4)

8.5) Media Selections for Teaching and Learning.

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	30%	CLO1 , CLO2 , CLO3
	Discussion	n/a	20%	CLO1 , CLO2 , CLO3
	Presentation	n/a	10%	CLO2 , CLO3
	Test	n/a	40%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text	Johan @ Eddy Luaran 2012, <i>The use of Instructional Technology in Classroom</i> , 1 Ed., 13
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	