



UNIVERSITI TEKNOLOGI MARA

EDU600: PRIMARY SCHOOL INFORMATION TECHNOLOGY

Course Name (English)	PRIMARY SCHOOL INFORMATION TECHNOLOGY APPROVED
Course Code	EDU600
MQF Credit	3
Course Description	This course will introduce students to the historical and pedagogical factors related to information technology and its use in primary schools in Malaysia. The use of technology in is crucial to enhance teaching and learning Several theories dealing with the using technology is discussed. Students will be able to understand the importance of technology in improving the teaching and learning process.
Transferable Skills	knowledge in historical and pedagogical factors related to information technology and its use in primary schools in Malaysia.
Teaching Methodologies	Lectures, Blended Learning, Reading Activity, Discussion, Presentation, Self-directed Learning, Journal/Article Critique
CLO	CLO1 Explain the importance of computers in the learning environment. CLO2 Apply related theories and concepts in integrating technology as an educator. CLO3 Discuss the different software available for primary learning environment CLO4 Discuss issues relating to integrating technology in the learning environment CLO5 Produce courseware for use in teaching primary school students
Pre-Requisite Courses	No course recommendations
Topics	
1. Computers in the learning environment 1.1) Computers in the Learning Environment 1.2) Computers, Teaching and You 1.3) What educators need to know about Software 1.4) What educators need to know about hardware 1.5) Storage	
2. Networking Computers 2.1) Networking Computers 2.2) Using a school network 2.3) Sharing and communicating via a network 2.4) Educational Computing	
3. Digital Technologies in the Classroom 3.1) Digital Technologies in the Classroom 3.2) Input Devices for Teaching and Learning 3.3) Output Devices for Teaching and Learning 3.4) Emerging Digital Technologies for the Classroom 3.5) From hardware to software	
4. Understanding Software 4.1) Understanding Software 4.2) Evaluating and Using Productivity software 4.3) Evaluating and Using School and Classroom Software	
5. Administrative Software 5.1) Administrative Software 5.2) Software, Teaching and Learning, A Practical Approach	

6. Academic Software

- 6.1) Academic Software
- 6.2) Software Repurposed for Education
- 6.3) Software Designed for Education
- 6.4) Academic Software in Teaching and Learning

7. Managing Presentations: PowerPoint

- 7.1) Managing Presentations: PowerPoint
- 7.2) Practical work with PowerPoint elements

8. Practical work with PowerPoint elements

- 8.1) Learning the tool itself – hands on
- 8.2) Preparing for Final Project.

9. The Internet and the World Wide Web

- 9.1) The Internet and the World Wide Web
- 9.2) The Internet: Connecting Networks to Networks across the Globe
- 9.3) Connecting to the Internet
- 9.4) Telecommunication Technologies
- 9.5) Internet Tools and Services
- 9.6) The World Wide Web
- 9.7) Using the Internet and the Web for Teaching and Learning

10. Issues in Implementing Technology in schools

- 10.1) Issues in Implementing Technology in schools
- 10.2) Planning for and Implementing Technology
- 10.3) Legal Issues in the Digital Age
- 10.4) Social Issues in the Digital Age
- 10.5) Ethical issues in the Digital Age
- 10.6) Resources for Teachers

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Self instructional software and presentation of the software	40%	CLO5
	Discussion	Online discussion	20%	CLO1 , CLO2 , CLO3 , CLO4
	Test	Test 1	20%	CLO1 , CLO2 , CLO3
	Test	Test 2	20%	CLO3 , CLO4

Reading List	Recommended Text	<ul style="list-style-type: none"> Microsoft Office 2010 2010, <i>Computer application manuals:Microsoft Office 2010, Excel 2010, Access 2010, Adobe PageMaker Version 6.5, Microsoft Publisher and Front Page 2010, Microsoft 2010</i>
	Reference Book Resources	<ul style="list-style-type: none"> Johan Eddy Luaran 2014, <i>The Use if Instructional Technology in Classroom, 2 Ed.</i>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	