UNIVERSITI SAINS MALAYSIA

Pusat Pengajian Ilmu Pendidikan
School of Educational Studies

INSTRUCTIONAL PLANNING
[SAMPLE PLANNING FOR BLENDED LEARNING SUBSTITUTION - 30%]

SEMESTER 1
ACADEMIC SESSION 2019/2020

A. COURSE INFORMATION

Course Code	:	PGT 436E
Course Title	:	ICT IN EDUCATION
Day	:	WEDNESDAY
Time	:	3.00-5.00 PM
Place	:	DK E48B
Coordinator/Lecturer	:	PROFESSOR MADYA DR. AZIDAH ABU ZIDEN (AAZ) ext.2968/5968 (azidah@usm.my)
Guest Lecturer	:	-
No. Of Student	:	52
Credit Units	:	3

B. COURSE OBJECTIVES

The course aims to provide students in exploring variety of interactive information communication technology tools by combining relevant and effective pedagogy across curricula. The design and development of all materials is based on the application of teaching design systems with creative and innovative teaching designs. Affirmation will be given to the 21st century learning approach by using the latest and relevant interactive technology. Hand-on learning activities are used to ensure the sustainability of learning among students.

C. LECTURE

WEEK/DATE	TITLE/TOPICS	LECTURER	NOTES
1 **[17/2/20 –23/2/20]**	Introduction	**AAZ**	Face to Face
2 **[24/2/20-1/3/20]**	21st Century Education Model	**AAZ**	**Synchronous** - Online Session: Webex Meeting & Discussion Board. - SCL Activities - Simple Quiz
3 **[2/3/20-8/3/20]**	Bloom's Taxonomy Gagne's Nine Events of Instruction	**AAZ**	Face to Face
4 **[9/3/20-15/3/20]**	ISD Theories and Models & Instructional Design Principles	**AAZ**	Face to Face
5 **[16/3/20-22/3/20]**	Understanding and Avoiding Plagiarism – Copyright for Educators	**AAZ**	Face to Face
6 **[23/3/20-29/3/20]**	Open Educational Resources (OER) in Education	**AAZ**	Face to Face
7 **[30/3/20-5/4/20]**	21st Century Teaching & Learning Excellence	**AAZ**	**Synchronous** - Online Session: Webex Meeting & Discussion Board. - SCL Activities [Exploring Apps for T&L] – synchronous group work - Simple Quiz
8 [6/4/20 -12/4/20] SEMESTER BREAK			
9 **[13/4/20-19/2/20]**	CMS / LMS of 21st Century Education	**AAZ**	Face to Face
10 **[20/4/20-26/4/20]**	Designing & Developing in ICT Education	**AAZ**	Face to Face
11			

[27/4/20-3/5/20]	Creativity in ICT Education – Essentials	**AAZ**	Face to Face
12 **[4/5/20-10/5/20]**	Emerging technological tools in teaching and learning - Multiple technology platforms, Apps & approaches	**AAZ**	**Asynchronous** • Self - developed video (10-15 minutes) • **Padlet** – Discussion on 21st Century T&L (3 days) Assessment – Quiz in Elearn (4 days)
13 **[11/5-17/5/20]**	Education 4.0: Education and 4th Industrial Revolution	**AAZ**	Face to Face
14 **[18/5-24/5/20]**	Internet of Thing (IOT) and Education	**AAZ**	**Asynchronous** • Podcast (10-15 minutes) • Student Activities – Students' self-developed postcast on 21st Century T&L (3 days) • OnlineAssessment – Group Assesment using Choice in elearn@USM
15 **[25/5-31/5/20]**	Conclusion and Summary	**AAZ**	Face to Face

D. REFERENCES

1. Greenstein , L. (2012). Assessing 21st century skills: A guide to evaluating mastery and authentic learning. Corwin Press.
2.   Susan Wiesinger & Ralph Beliveau (2016) Digital Literacy A Primer on Media, Identity, and the Evolution of Technology, Peter Lang Press
3. Clark, R.C. & Mayer R.E. (2003). E-Learning and the science of instruction: proven guidelines for consumers and designers of multimedia learning. SF:Pfeiffer.
4. J. A. Bellanca. (2014). Deeper Learning: Beyond 21st Century Skills (Solutions). Leading Edge.

Websites :
www.eduwebtv.com.my
https://wordpress.org/
http://www.edudemic.com/
http://www.wpbeginner.com/

https://www.frogasia.com/v3/

E. TUTORIAL SCHEDULE

WEEK/DATE	TITLE	LECTURER	NOTES
1 **[17/2/20-23/2/20]**	No tutorial		Instruction through eLearn@USM
2 **[24/2/20-1/3/20]**	Introduction to 21st Century Teaching & Learning- Digital Natives vs. Digital Immigrants	**AAZ**	**Online tutorial during asynchronous meeting**
3 **[2/3/20-8/3/20]**	Project Execution: Introduction to ePortfolio	**AAZ**	F2F activities
4 **[9/3/20-15/3/20]**	ICT for creating and developing e- content o Multimedia	**AAZ**	F2F activities
5 **[16/3/20-22/3/20]**	ICT for creating and developing e- content o Brainstorming/Organising e-content	**AAZ**	Infographic using Pictochart/Genially (F2F)
6 **[23/3/20-29/3/20]**	ICT for creating and developing e-content o Screen casting	**AAZ**	Creating screencast using SOM and Screencastify
7 **[30/3/20-5/4/20]**	ICT for creating and developing e-content o Podcasting	**AAZ**	**Online tutorial during asynchronous online learning**
8 [6/4/20 -12/4/20] SEMESTER BREAK			
9 **[13/4/20-19/2/20]**	Different platforms for ePortfolio o Weebly o Wix o Mahara	**AAZ**	F2F activities
10 **[20/4/20-26/4/20]**	MAHARA@USM – Dashboard & Features – Implementation	**AAZ**	F2F activities
11 **[27/4/20-3/5/20]**	MAHARA@USM – Content (Journals, Resume, Plans, Notes)	**AAZ**	F2F activities
12 **[4/5/20-10/5/20]**	MAHARA@USM – Pages – Collections	**AAZ**	**Online tutorial during synchronous meeting**
13 **[11/5-17/5/20]**	MAHARA@USM – Sharing & Final Collections	**AAZ**	F2F activities
14 **[18/5-24/5/20]**	Presentation/ Online Assessment	**AAZ**	**Online tutorial during synchronous online learning**

			(Simulation based presentation)
15 **[25/5-31/5/20]**	Simulation based presentation	**AAZ**	F2F activities

F. COURSE EVALUATION [BASED ON BPK]

COURSE WORK (100 %)

Mode	Weighting	Deadline
PROJECT, ASSIGNMENT AND SIMULATION **PROJECT – ePortfolio 50 %** *Students are required to develop their own e-Portfolio in mahara@usm.my (login via elearning.usm.my —>>Network Services —->> Home-EPortfolioUSM)* *The e-Portfolio should contain:* *Students' background, teaching philosophy, progress of learning to become a teacher from day 1 till now, at least one micro-teaching video, photos of your journey as a student and self-reflections* *The e-Portfolio should also shows/includes creativity in presenting students own self, materials use in teaching/microteaching/class presentation, feedbacks from your lecturers/friends about the students, CV and any activities involved by in USM*	**50%**	**Week 10**
A. Assignment - Weekly Task 20% *Students are required to do a weekly task base on different topics discuss during tutorials. Specific task will be assigned before class.*	**20%**	**Weekly**
Simulation – 30% Students' simulation will be based on the ePortfolio Project and collaborative work. Students are required to do peer ratings on others portfolio and discuss which of the portfolio in their group are the best portfolios based on the rubric given. They will then present the selected ePortfolio together and choose part of the ePortfolio to be simulated in a video presentation. Video should be submitted in elearning@usm.	**30%**	**Week 14**
Final Examination (0 %)		