Department of Educational Sciences, Mathematics and Creative Multimedia
Faculty of Education
Universiti Teknologi Malaysia
Skudai, Johor Darul Takzim

COURSE/CODE   :   **INNOVATIVE LEARNING ENVIRONMENT (MPPP1403)**
SESSION   :   **2015/2016-1**
PROGRAMME   :   **MPP (EDUCATIONAL TECHNOLOGY)**

INSTRUCTORS   :   Name   :   **ASSOC PROF. DR. JAMALLUDIN HJ. HARUN**
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SYNOPSIS:

This course provides exposure and experience to students on current trend of innovative learning environments (ILE). The goal of this course is to promote systematic design thinking that will cause a paradigm shift in the digital learning environments of today and tomorrow. Students will explore a variety of technology and pedagogical approaches in order to propose innovative use of educational space and infrastructure for teaching and learning. Topics covered include investigating emerging trends in digital learning environment, evaluating effective digital communications technologies and integration of such technologies into ILE, basic instructional design principles as applied to the design and facilitation of ILE, pedagogical approaches to facilitate learning in ILE, social processes and presence, facilitating online discussions for cognitive engagement and managing assessment in ILE. Students also are given experience to develop the learning environment that cater current societal issues and then evaluate its effectiveness.

LEARNING OUTCOMES:

By the end of the course, students should be able to:

No.	Course Learning Outcome	Programme Outcome	Taxonomies (C, P, A)	Assessment Methods
1.	analyse current trends and issues of innovative learning environments	PO2 PO7	C4 A4 LL1	• Assignment 1 • Online Learning Activities • Final Exam
2.	investigate the main features and criteria of innovative learning environments that cater current societal issues	PO2 PO7	C4 A4 LL1	• Assignment 2 • Online Learning Activities • Final Exam
3.	develop a comprehensive understanding of effective	PO2	C5	• Project Proposal • Online Learning

				Activities
	pedagogical approaches and technology uses in innovative learning environments			• Final Exam
4.	apply knowledge and skills on online teaching and learning, and instructional design to design and develop an innovative learning environments	PO5 PO7	A2 LS2 LL2	• Project • Presentation
5	evaluate and select assessment methods appropriate to the needs of developed learning environments	PO5 PO7	A3 LS2 LL2	• Project • Presentation • Final Report

WEEKLY SCHEDULE

WEEK	TOPICS	NOTES
1	• Course and syllabus explanation • Lecturer's & student's responsibilities • Assignments & project **Basic concepts of Innovative Learning Environment** • Innovative uses of technology and pedagogy in online learning environment • Introduction, concepts of Innovative Learning Environment **Instructor: Assoc. Prof. Dr. Jamalludin Harun**	Clarification of course syllabus, teaching and learning strategy, assignments and project guidelines.
2	**Types of Online Learning Environment** • e-Learning, online learning & virtual learning environment • Formal & informal learning environment • Personal & social learning environment **Instructor: Assoc. Prof. Dr. Jamalludin Harun**	
3	**Main Features and Criteria of Innovative Learning Environment** • Current trend and issues of online learning environment • Analysis of innovative learning environment • Main features and criteria of innovative learning environment **Instructor: Assoc. Prof. Dr. Jamalludin Harun**	Register your blog adress via eLearning@utm.my

WEEK	TOPICS	NOTES
4	**Pedagogical Approaches in Innovative Learning Environment** • Theoretical foundations of innovative learning environment • Effective pedagogical approaches in innovative learning environment **Instructor: Assoc. Prof. Dr. Jamalludin Harun**	Dateline for Assignment 1
5 - 6	**Technologies and Tools for Innovative Learning Environment** • interactive media, social media, instructional delivery, communication and collaboration • management and organization • assessment **Instructor: Assoc. Prof. Dr. Jamalludin Harun**	
7	**Design of Innovative Learning Environment (Part 1)** • Learner and Instructor Needs and Requirements • Organization of learning **Instructor: Assoc. Prof. Dr. Jamalludin Harun**	
8	**Design of Innovative Learning Environment (Part 2)** • Design of online learning task and activity • Facilities, digital tools and resources **Instructor: Dr. Noor Dayana Abdul Halim**	Dateline for Assignment 2
9	**Development of Innovative Learning Environment** • Facilities, resources and technologies **Instructor: Dr. Noor Dayana Abdul Halim**	Proposal Discussions and Presentations
10	**Semester Break**	
11	**Development of Innovative Learning Environment (cont.)** • Facilities, resources and technologies **Instructor: Dr. Noor Dayana Abdul Halim**	
12	**Implementation and Evaluation of Innovative Learning Environment** • Learning Context, Social processes and presence • Facilitating online discussions for cognitive engagement • Evaluation tools and methods **Instructor: Dr. Noor Dayana Abdul Halim**	

WEEK	TOPICS	NOTES
13	**New Directions for Future Research of Innovative Learning Environment** **Instructor: Dr. Noor Dayana Abdul Halim**	
14 - 15	**Project Presentations** **Instructors: Assoc. Prof. Dr. Jamalludin Harun & Dr. Noor Dayana Abdul Halim**	Project presentations and submission

ASSESSMENT

Students will be assessed based on the following criterion:

Assessment Types	Criteria	Status	Percentage (%)	Date
Assignment 1	Analyse on current trends and issues of innovative learning environments	Individual	5	Week 4
Assignment 2	Investigation on the main technologies and tools for innovative learning environment	Group (2 or 3)	10	Week 8
Project	Project on innovative learning environment – project proposal, design and development, presentation, Report	Group (2 or 3)	45	Proposal – Week 9 Project & Report - Week 15
Online learning activities (Learning Portfolio)	Self-Reflection via Blog	Individual	10	Week 15
Final Exam		Individual	30	Week 16-18
Total			**100**	

Note:

- Instructor has the right to make any immediate amendment in order to fulfill course requirements.
- All information about assignment and project will be announced later in the class.

:: LEARNING PORTFOLIO

Learning Portfolio or Self-Reflection journal is focused on personal blog development. Every student has to developed his/her own blog using any free blog service such as www.blogger.com, wordpress.com etc. The blog must be updated with new information regarding your learning process throughout this course (every week or for every major topic).

Your reflection journal or blog also should contain the following elements:

- A page of your personal details
- Revision notes and references (links, documents, etc) that have been used throughout this course.
- Works (presentation, assignments etc) during this course.
- Self-reflection section about the skills and knowledge that have been obtained from this course.

Provide your blog link to the class via e-Learning forum.

REFERENCES :

i. Aragon S.R (2003). **Facilitating Learning in Online Environments: New Directions for Adult and Continuing Education**. California : Wiley Periodicals Inc

ii. Conrad J. & Donaldson J. Ana (2012). **Continuing to Engage the Online Learner: More Activities and Resources for Creative Instruction**. California : John Wiley & Sons

iii. Hart J. (2013). **Social Learning Handbook**. United Kingdom : Centre for Learning & Performance Technologies.

iv. Jonassen D. & Land S. (2012). **Theoretical Foundations of Learning Environments (2nd ed)**. New York : Routledge

v. White B. & King I. (2011). **Social Media Tools and Platforms in Learning Environments (2nd ed)**. Heidelberg : Springer

vi. Vai M. & Sosulski K. (2011). **Essentials of Online Course Design : A Standard-Based Guide**. Oxon : Routledge.