Seminar Title: From Traditional Learning to E-Learning: Advantages and Challenges.

Presenter: Dr. Zana Rafiq Majeed

Location: College of Science, Mathematics Conference Hall,Salahaddin University-Erbil

Time and Date: Sunday, 21 Jan, 2018 from 10 am – 11 am

An e-learning talk presented by Dr. Zana Rafiq Majeed at College of Science, Salahaddin University-Erbil (SU) and the title of his presentation was: **"From Traditional Learning to E-Learning: Advantages and Challenges".** The aim of this presentation was to talk about Erasmus+ program and its role in the development of the Erasmus+ Training Center at Salahaddin University-Erbil. Also, it was elaborated that in this program, representatives of SU had participated in a LMS training workshop at the University of Patras, Greece. Various types of pedagogical methods were discussed. More importantly, the advantages and disadvantages of traditional learning and e-learning were discussed. In this talk, the aim of the upcoming LMS workshop for SU staff explained. At the end, the audience was given a glimpse of the LMS workshop agenda. All the seminar participants were encouraged to take part in the LMS workshop and given the incentives to convert their traditional courses to online courses. It is worth mentioning that lecturers from different departments (Chemistry, Environmental Sciences, Biology, Computer Science & IT, Geology, Physics, and Mathematics) had attended this seminar. The LMS workshop will start in 04 Feb, 2018 and ends in 25 Apr, 2018. Most of the lectures at College of Science have already enthusiastically signed up to participate in the upcoming workshop. This workshop will have a big impact on training the lectures on how to use LMS to create their online courses. We work in collaboration with the IT center of SU to make this workshop a big success.

Tentative schedule of SU LMS Training Workshop

Week One

Trainer	College	No. of Participants	Time	Date
Mr. Dler HA Aladdin and Dr. Zana R. Majeed	Science	15	8:30-10:30am	04 Feb, 2018
Dr. Zana R. Majeed and Mr. Dler HA Aladdin	Science	15	8:30-10:30am	05 Feb, 2018
Mr. Fanar F. Hanna and Mr. Shakhawan H. Mahmood	Science	30 (15 in each session)	8:30-10:30am And 10:30-12:30	07 Feb, 2018

Week Two

Trainer	College	No. of Participants	Time	Date
Dr Zana R. Majeed and Mr. Dler HA Aladdin	Science	15	8:30-10:30am	11 Feb, 2018
Mr. Dler HA Aladdin and Dr Zana R. Majeed	Science	15	8:30-10:30am	12 Feb, 2018
Mr. Shakhawan H. Mahmood and Mr. Fanar F. Hanna	Science	30 (15 in each session)	8:30-10:30am And 10:30-12:30	14 Feb, 2018

Week Three

Trainer	College	No. of Participants	Time	Date
Mr. Dler HA Aladdin And Dr. Zana R. Majeed	Science	15	8:30-10:30am	18 Feb, 2018
Dr. Zana R. Majeed and Mr. Dler HA Aladdin	Science	15	8:30-10:30am	19 Feb, 2018
Mr. Shakhawan H. Mahmood and Mr. Fanar F. Hanna	Science	30 (15 in each session)	8:30-10:30am And 10:30-12:30	21 Feb, 2018

Week Four

Trainer	College	No. of Participants	Time	Date
Mr. Dler HA Aladdin And Dr. Zana R. Majeed	Science	15	8:30-10:30am	25 Feb, 2018
Dr. Zana R. Majeed and Mr. Dler HA Aladdin	Science	15	8:30-10:30am	26 Feb, 2018
Mr. Fanar F. Hanna And Mr. Shakhawan H. Mahmood	Science	30 (15 in each session)	8:30-10:30am And 10:30-12:30pm	28 Feb, 2018

Week Five

Trainer	College	No. of Participants	Time	Date
Dr. Zana R. Majeed and Mr. Dler HA Aladdin	Engineering	15	8:30-10:30am	01 Apr, 2018
Mr. Dler HA Aladdin and Dr. Zana R. Majeed	Engineering	15	8:30-10:30am	02 Apr, 2018
Mr Fanar F. Hanna and Mr. Shakhawan H. Mahmood	Engineering	30 (15 in each session)	8:30-10:30am And 10:30-12:30pm	04 Apr, 2018

Week Six

Trainer	College	No. of Participants	Time	Date
Dr. Zana R. Majeed and Mr. Dler HA Aladdin	Engineering	15	8:30-10:30am	16 Apr, 2018
Mr. Shakhawan H. Mahmood And Mr Fanar F. Hanna	Education	30 (15 in each session)	8:30-10:30am And 10:30-12:30pm	18 Apr, 2018

Week Seven

Trainer	College	No. of Participants	Time	Date
Dr. Zana R. Majeed and Mr. Dler HA Aladdin	Education	15	8:30-10:30am	22 Apr, 2018
Mr. Dler HA Aladdin And	Agriculture	15	8:30-10:30am	23 Apr, 2018

Dr. Zana R. Majeed				
Mr Fanar F. Hanna And Mr. Shakhawan H. Mahmood	Agriculture	30 (15 in each session)	8:30-10:30am And 10:30-12:30pm	25 Apr, 2018

Number of academic staff trains = 60 staff per week.

The total number of the academic straff which will be trained from Feb 4th to April 25th, 2018 = 420.

This training session is the first in this semester.

The same workshop will be reapeted for other college in the coming university semester.

Co-funded by the
Erasmus+ Programme
of the European Union

From Traditional Learning to E-Learning: Advantages and Challenges

Zana Rafiq Majeed, PhD

Department of Biology

College of Science, Salahaddin University-Erbil

21-02-2018

Co-funded by the Erasmus+ Programme of the European Union

Learning Management System (LMS) Workshop

Training Workshop at Erasmus+ Training Center

Starts from O4-02-2018 to 25-04-2018

Outline

- Erasmus+ Program
- Pedagogical methods
- Learning Management System
- What is Moodle?
- Aims of the workshop
- Benefits of Moodle Platform
- Course Materials in Moodle

Project Name:

Capacity Building in the field of Higher Education

Project title:

Online Platform for Academic TEaching and Learning (OPATEL) Project

Funded By Erasmus+ Programme of the European Union

Project Number: 573915-EPP-1-2016-1-DE-EPPKA2-CBHE-JP

The project takes three years which has started from October 2016 and will continue till October 2019.

OPATEL Erasmus+ project kickoff meeting

(held at Leipzig University of Applied Sciences in Leipzig, Germany, on 13th to 16th March 2017).

- **Dr. Ahmed Anwar Dezaye**, the President of SU.
- **Dr.Riyadh Qashi** , the coordinator of the OPATEL project (Leipzig University of Applied sciences, Leipzig, Germany).
- **Dr. Mohammed Azeez Saeed**, Director of International Relations Office at SU.
- **Dr. Zana Rafiq Majeed**, Faculty Member at the Dept. of Biology at SU

OPATEL Erasmus+ at Salahaddin University-Erbil (June 15, 2017)

University of Patras, Greece, from 19 to 26 November 2017.

LMS Workshop Team at Erasmus+ Training Center

Program Coordinator
Dr Mohammed Azeez Saeed

From left to right Mr. Dler Hjiagha Aladdin, SU IT Center
Mr. Fanar Fareed Hanna, SU IT Center
Mr. Shakhawan Hussein Mahmood, SU CS&IT
Dr. Zana Rafiq Majeed, Department of Biology

Pedagogical Methods

- Traditional learning
- E-learning
  - Online learning
  - Flipped Classroom learning
  - Blended learning

Traditional Learning

- Mostly focuses on the classroom education.
- The teacher usually talks more than the student.
- Student attendance is mandatory.

E-learning

- Defined as interactive learning.
- Engagement in an online educational course.
- More ease and flexibility.
- Utilization of audio and video recordings, presentations, quizzes, surveys, games, discussion groups, and more.

Traditional vs E-learning

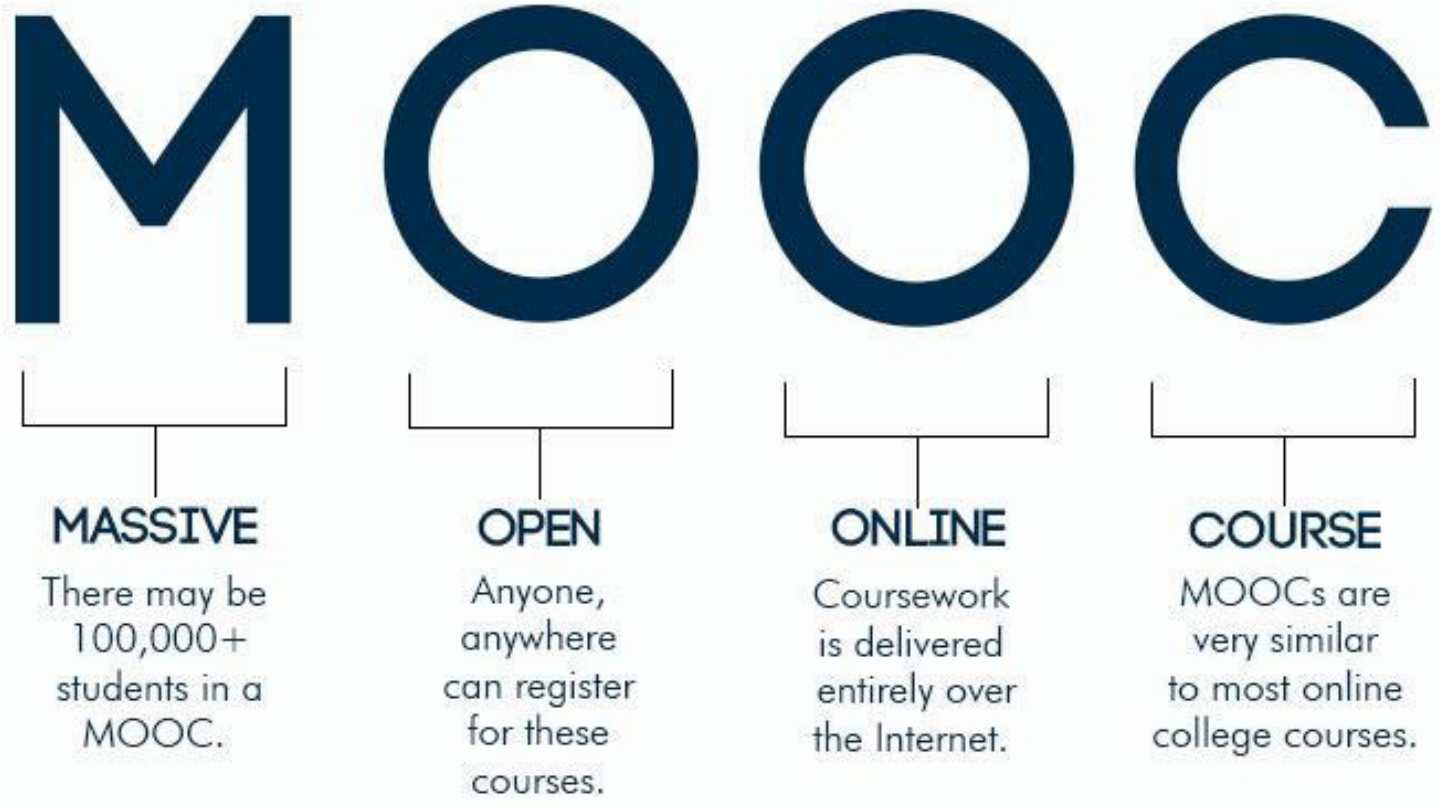
Traditional Learning

- Teacher Centered
- Single Medium
- Isolated work
- Information delivery
- Factual-based learning
- Bricks and board

E-Learning

- Student Centered
- Multimedia
- Collaborative work
- Information Exchange
- Skills-based learning
- Technology-enabled learning

Online (distance) learning



Traditional Classroom

- Instructor prepares material to be delivered in class.

- Students listen to lectures and other guided instruction in class and take notes.

- Homework is asisgned to demonstrate understanding.

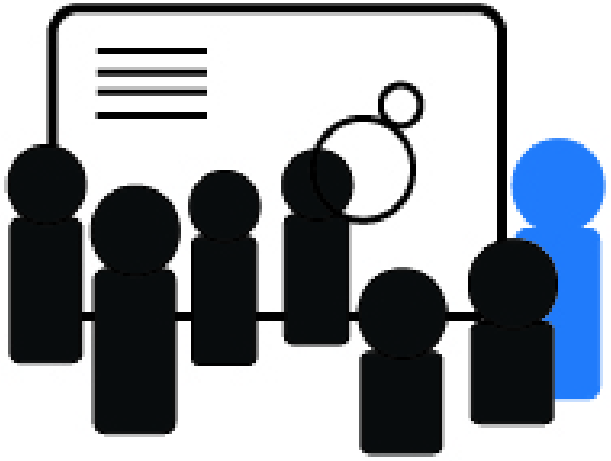
Flipped Classroom

- Instructor records and shares lectures outside of class.

- Students watch / listen to lectures before coming to class.

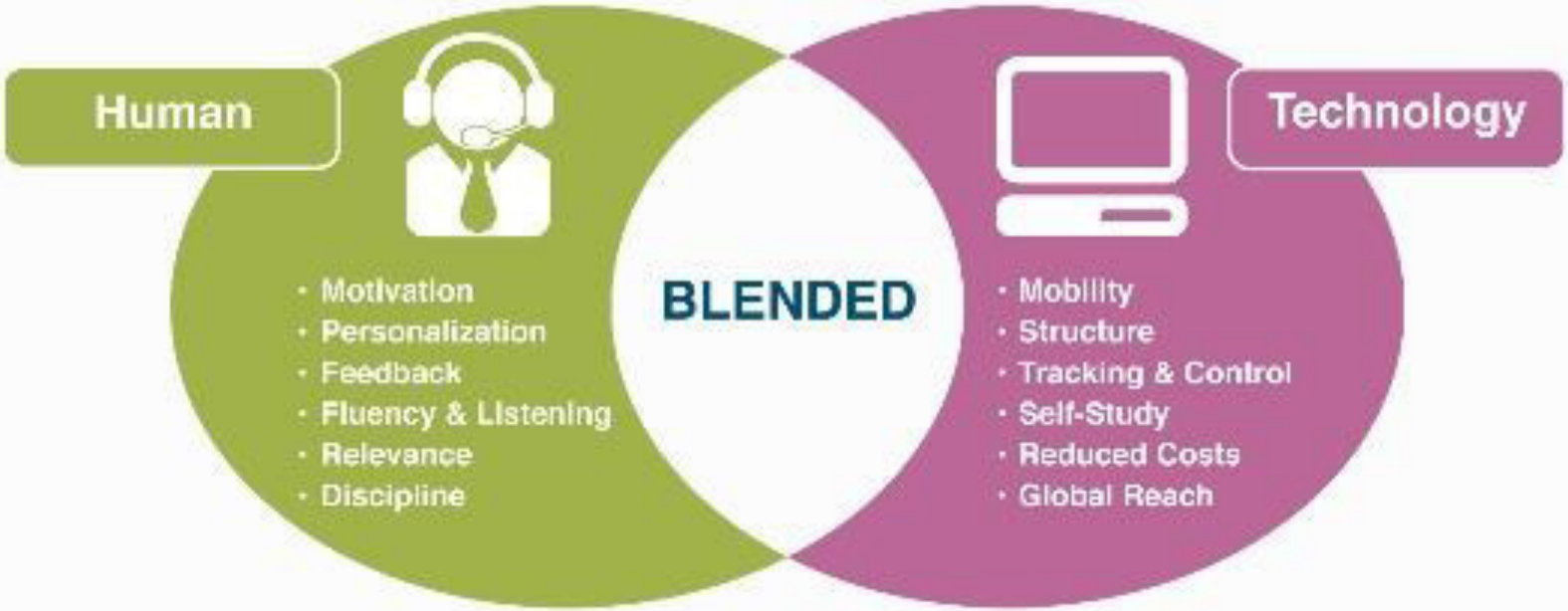
- Class time is devoted to applied learning activities and more higher-order thinking tasks.

- Students recieve support from instructor and peers as needed



Blended Learning Definition

- "…combining online resources and technology with face-to-face instruction by a licensed teacher."



From an NEA Policy Brief on Blended Learning

http://j.mp/1mL77aY

Challenges faced by instructors in e-learning

- Instructors need to be effective
- Resistance to change and lack of time to convert
- Time consuming for individualized feedback
- Preparation and teaching load
- Need for technical assistance

Challenges faced by students in e-learning

- Adaptability Struggle
- Technical Issues and computer Literacy
- Time Management

Learning Management System

- An LMS delivers and manages instructional content
- Handles student registration
- Online course administration
- Tracking, and assessment of student work
- Help identify progress towards learning goals

What is Moodle?

- Stands for Modular Object-Oriented Dynamic Learning Environment.

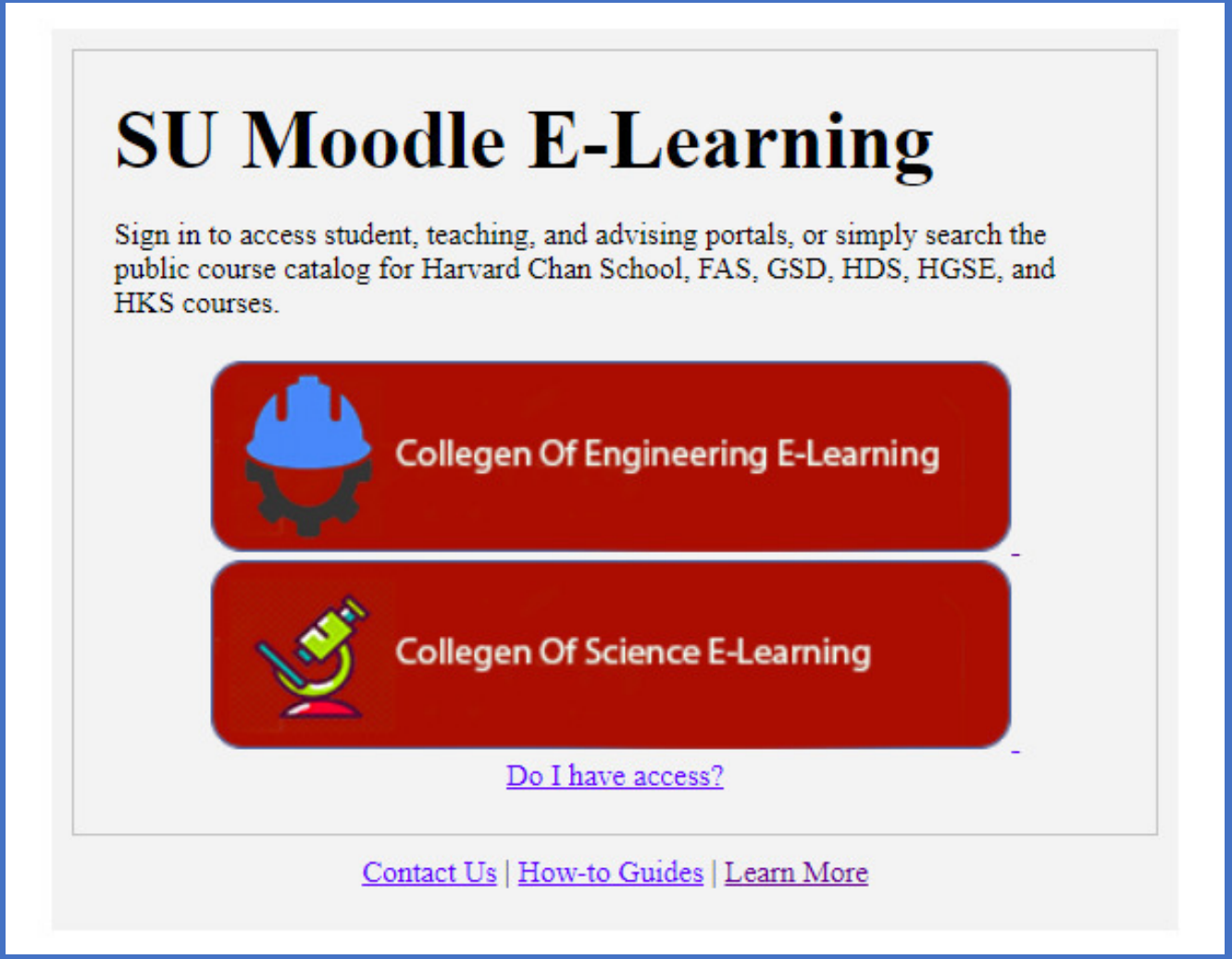
- Moodle is a free, open source LMS that enables you to create powerful, flexible, and engaging online learning experiences.

Course Materials in Moodle

- Moodle enables you to add several kinds of course materials:

- Static course material.
- Interactive course materials.
- Social course materials.
- And many more activities and resources

Moodle At SU website



Acknowledgements

- **Dr. Ahmed Anwar Dezaye**, the President of SU.
- **Dr. Mohammed Aziz Saeed**, Director of International Relations Office at SU.
- **Dr. Hiwa Abdulla**, Director of SU Research Center.
- **Dr. Hersh Omer Abdulla,** Dean of College of Science.
- **All Head of Departments and their assistances**

Thank You
Gracias
Arigato
Grazie
Cheers
Danke
Merci
Toda
Efharisto
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