

# Teaching-Learning Concepts

## How E-Teaching should be done/what should be taken into consideration

The lecturer should be engaged in the developing of learning materials. According to Yengin et al., 2010 tools for designing Learning Materials includes:

- Audio recording tools: The lecturer can record audio, convert tapes and records into a digital file, edit MP3 files, mix sounds together and change the sounds dynamics in the recordings with a number of available audio recording tools.
- Program Image Editing: There are a number of software's that are available to enable lecturers edit images. Lecturers can use this tool to create – edit graphics and photo file for their lessons. They create and modify many of the known digital photo file.
- Screen recording: Most of the e-learning lessons may need some screen recording because lecturers need to show something to the students in their desktops. Also with screen, recording lecturers can have tutorial and presentation on how to use software applications
- Emails, blogs, wikis, e-portfolios, animation, video links. For the lecturer to use this they need to be very innovative. For instance, Blogs or individual platforms are gradually being adopted by innovative lectures to share educational materials, visuals, exercises and assignments to students.
- Wikis have originates from the concept of Wikipedia. It allows students to read, add or edit materials posted by the lecturer. This thus allows for interactions between students and lecturer. The material may be presented in form of text, tables, visuals, photographs etc. A teacher constructs a wiki on any specific area and therefore ideal for teaching a diverse of subject area.
- Video links provide links – This is commonly used by lecturers teaching in specialized units to supplement the regular form of teaching.
- E-blackboard - The blackboard platform is ideal because it allows for online discussion between learners and the lecturer. Either the lecture or the student can initiate a discussion or pose a question that allows for student interaction.

## E-Learning Strategies

Strategies use in e-learning should strive to make the lesson very interactive more when it comes to giving feedback to the students. The system should be able to allow for discussion forums. This will not only allow feedback from the lecturer, the students will also have some good feedback from his/her peers because they can have time to think on the responses and time to construct a good question or feedback. The lecturer should also be trained on methods of motivating and encouraging student's interaction.

- E mentoring - This strategy can encourage learners to reach out to the lecturer for online professional assistance from the lecturer.
- E structured group activity-this allow learners to learn in structured groups electronically in the form of structured group discussion
- Peer learning groups
- Role play
- Seminars

## References:

Yengina,I., Karahocab, D., Karahoca, A., Yücelb, A., (2010): Roles of teachers in e-learning: How to engage students & how to get free e-learning and the future. Procedia Social and Behavioral Sciences. 2: 5775-5787

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