

Theoretical and practical course plan form - Ilam University of Medical Sciences

Faculty: Health Department: Public Health Academic year: 2020-2021

Course name and number: Applied technology in health education 2

majors and degree: Master of Health Education

Day and time: Saturday 10-12 and Sunday 10-8

Venue: Group seminar room

Number and type of unit: 1 theoretical unit - 1 practical unit Prerequisite

courses: None

Instructor: Dr. Amin Mirzaei Email address: mirzaei. amin62 @ gmail.com

General purpose of the lesson:

- Familiarity of students with theories, determinants, strategies and areas of learning and its application, familiarity with teaching methods and the ability to use them appropriate to the audience and learning environment
- Familiarity with new educational technologies and the ability to produce, use, critique and evaluate media

Specific or partial objectives of the course:

- 1- Students define the concepts of educational technology and educational media.
- 2- Students list the goals of educational technology.
- 3- Students explain the importance of educational planning.
- 4- Students should explain the stages of educational planning.
Students explain educational planning models.
- 6- Students explain the types of educational methods.
- 7- Students should explain the method of regular educational design.

*** Student duties:** (Student homework during the semester): Regular attendance at class, observance of student affairs, participation in class discussions and questions and answers - doing and presenting practical work

*** Main lesson resources:**

1. Robert Bensley, Jodi Brookins-Fisher; Community Health Education Methods: A Practical Guide 3rd Edition, Jones & Bartlett Learning, latest edition
2. Jourdan-Marsh. M, Health Technology Literacy: A Transdisciplinary Framework For Consumer-Oriented Practice, Johns and Bartlett Learning, latest edition

3. Cho.H, Health Communication Message Design, Sage, latest edition

4- Introduction to educational technology: Dr. Mohammad Ahdian, Bashari Publishing

5- Theoretical foundations of educational technology in the field of health: Hashem Fardanesh, Sam Publications

* **Teaching methods:** lectures, questions and answers, class discussions, practical activities

* **Educational aids used:** PowerPoint software with the help of laptop and video projector, whiteboard, computer

* **Methods and time of assessment and evaluation of the student and the bar related to each value B:**
(Type of exams in terms of how to design a question - loading - time of exams and assignments should be mentioned)

Method	Score	Date	Time
Participate in class discussions and questions and answers	4	During term	During term
Design a variety of print, electronic and web-based educational media	8	During term	During term
Final evaluation	8		

Introduction form of theoretical and practical courses - Ilam University of Medical Sciences

Schedule for presenting the first semester syllabus

Session	Time	Topic	Lecturer	Necessary preparation of students before starting
1	10-12	Definitions and terms of teaching and learning	Amin Mirzaei	
2	10-12	Application of learning theories and theories (Gestalt, meaningful verbal learning, news, adult education)		Attention, presence of mind and previous study to prepare for learning the contents of the present session
3	10-12	Learning strategies and teaching methods teacher-centered, student-centered, participatory - learning domains and their hierarchy and determinants of learning		

4	10-12	Familiarity with different types of literacy (media, visual, computer, health) -		
5	10-12	Principles of designing multimedia materials (text, image, sound, video, animation)		
6	10-12	Definition, importance, presentation method and disadvantages and advantages of educational methods such as traditional and active lecturing, role playing, performance, simulation, question and answer and group discussion		
7	10-12	Educational technologies: (slides, modeling, replicas, pamphlets, posters, diagrams)		
8	10-12	Criticism and evaluation of pamphlets and posters (content analysis and design)		
9	10-12	Familiarity with the production process of short educational videos and digital images		
10	10-12	Web-based learning (e-learning)		
11	10-12	Mobile phone and its role in education - computer games and its role in health and education		
12	10-12	Multimedia software and its role in health education and promotion		
13	10-12	Familiarity with mass media and its importance and role in health education: radio, television, newspapers and ...		
14	10-12	Weblog design		
15	8-12	Movie Maker Workshop		
16	8-12	Photoshop workshop		
17	8-12	Photography workshop		
18	10-12	Preparation of a short edited educational film 1		
19	10-12	Preparation of a short edited educational video 2		
20	10-12	Report on students' practical activities 1		
21	10-12	Report on students' practical activities 2		
22	10-12	Final evaluation		Sufficient preparation for

				final evaluation
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