

Vice Chancellor for Education, Ahvaz University of Medical Sciences

Educational development center

Course ID and Course Unit Schedule

Course Title: Human-Computer Interaction/Assessment in Health Systems Field Level of Study: 3rd Semester of Master's Degree in Medical Informatics Faculty: Paramedical Course Code: Academic Year: 2025 Prerequisite: - Number of Units: 2 Units Academic Semester: First Half Year Amount of Units Separately: 2 Units Theory Group of Instructors: Dr. Nasrin Khajeali - Dr. Amir Abbas Azizi Day and Time of Course: Tuesday 2-4 PM Professor in Charge: Dr. Amir Abbas Azizi Email: nasrinkh2009@yahoo.com Office Hours: Every Day from 8 AM to 4 PM
Goals: To familiarize students with the concepts, terminology, and methods of evaluation, teaching, and interaction with computers.
Specific Objectives: 1- Explain the basic concepts of evaluation 2- Explain the use of active teaching methods 3- Explain the basic concepts of social accountability 4- Explain the application of blockchain technology
Course Description: After completing this unit, students will learn the concepts, terminology, and methods of evaluation, teaching, and interaction with computers.

session	Outline (Expected concepts to be taught)	Student activity	Teaching method	Teacher name
1	Introduction, expressing student and instructor expectations and reaching agreement	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
2	Interactive teaching method	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
3	Lesson plan	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
4	Student evaluation concepts	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
5	Program evaluation concepts	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
6	Social accountability	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student

7	Blended teaching method	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
8	Accreditation	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
9	Teacher evaluation	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student
10	Blockchain for the Healthcare Supply Chain: A Systematic Literature Review	Questions and answers	Problem base learning	Dr Nasrin Khajeali and student

Student assignments: 1- Write a reflection paper for each educational session.
Course unit evaluation method: Homework score: 40 percent Midterm exam score: 30 percent End of semester exam: 30 percent
Main sources of lessons and approved by the Ministry: <ol style="list-style-type: none"> 1 Wilbert O. Galitz. The Essential Guide to User Interface Design: An Introduction to Design Principles and Techniques. Latest edition. Wiley Publishing. 2 Nielsen Jacob. Usability Engineering. Latest edition. 3 Sidney Smith and Jane Mosier. Design Guidelines for Designing User Interface Software. Latest edition. The MITRE Corp. 4 Vimla L. Patel (Editor), Thomas G. Kannampallil, David R. Kaufman (Editor) Cognitive Informatics for Biomedicine: Human Computer Interaction in Healthcare (Health Informatics). Latest edition. Springer