

Theoretical and practical courses-Ilam University of Medical Sciences

Introduction of the course: Housing and Public Places Health, second semester of the academic year 2020-2021

School: Health Department: Environmental Health Engineering

Course and degree: Continuing Bachelor of Environmental Health

Day, time and place: Saturday 16-14 Class

Number and type of unit (theoretical): 1

Name of the person in charge of the course (course instructor): Dr. Ali Amarloui

Prerequisite Courses: General Physics - General Chemistry

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General purpose of the lesson:

Familiarity with the principles of housing and public places hygiene, effects and risks of unsanitary housing and control of public places and knowledge of regulations.

Specific or partial objectives of the course:

At the end of this course, the student is expected to be able to:

- 1- Explain the objectives of the lesson, the lesson chapter and the definition of housing and health housing.
- 2- Know the most important physical, chemical and biological factors in housing.
- 3- Know the standards of physical factors in housing.
- 4- Know the types of indoor air pollutants.
- 5- Know the principles of health risk control in housing and public places.
- 6- Know proper ventilation in housing and its different methods.
- 7- Know the generalities about public places such as schools, parks, hotels, hospitals, streets, catchments, mosques, etc.
- 8- knows the health of schools and its rules and standards.
- 9- Know the principles of environmental health in natural pools and swimming pools, public baths of sanatoriums and prisons and their control.
- 10- Know the principles of environmental health in hospitals and risk control with emphasis on nosocomial infections.

11- Know the principles of environmental health in restaurants, mosques and shrines and other public places and control them.

Student duties (student homework during the semester):

1- The student is obliged to have the necessary preparation in each session to answer the questions related to the previous sessions in written and oral form.

2- Attending class on time

The main sources of the lesson:

1- Dehghani, Mohammad Hadi (1380). "Hospital Environmental Health Guide". Palm Publications.

2- Shariat Panahi, Mohammad (1373), "Fundamentals of Environmental Health". University of Tehran Press.

3- Mokhtari, Mahdia; Babaei, Ali Akbar (1385). "Housing and Public Places Health". First Edition, Sobhan Publications.

4- Salvato, J.A. "Environmental engineering and sanitation"; John Wiley; New York, 2000

5- Bassett, W.H. "Clay's Handbook of environmental health". E & FN Spon. Taylor & Francis Group. Landon. UK.

Teaching methods + teaching aids used:

Questions and answers about the material presented in previous sessions and written or oral exams. Teaching method is implemented in the form of lectures, questions and answers and group discussions in the form of critical thinking using the facilities of appropriate educational technology (PowerPoint, Overhead and White). In corona conditions, lessons are held virtually.

Methods and time of assessment and evaluation of the student and the bar related to each evaluation:

- Written and oral exams of class 3 points

- End of the semester exam 17 points

Lesson rules and expectations from students:

1- The active participation of the student along with observing the relevant order and principles, respecting the manners of the class and other students, as well as the correct use of materials and teaching aids are essential.

2- The presence of students in extraordinary classes is essential. The time of the mentioned classes will be informed in advance to the representative of the class and the education department of the faculty.

R- According to the current regulations of the university, the absence of more than 4 sessions out of 17 sessions of the class is not allowed. Obviously, this figure also includes justified absence.

Schedule and predicted contents of each theory session

Session	Topic	Necessary
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		preparation of students before the start of the class
1	Introduction and awareness of students' awareness of the subject, introduction and objectives of this course, course title, teaching and evaluation, introduction of resources used, definition of housing and public places and housing hygiene, and an overview of the consequences of living in inappropriate conditions Housing, principles and standards necessary in creating a health housing (choosing a place to live)	Written and oral questions and answers from the material presented in previous sessions
2	Necessary principles and standards in creating a sanitary housing (area of rooms, lighting in housing)	
3	Necessary principles and standards in creating a health housing (ventilation and air condition control of housing)	
4	Necessary principles and standards in creating a sanitary housing (noise, safe and sufficient drinking water, collection and disposal of waste and sewage)	
5	Accidents in homes and ways to prevent it, the characteristics of a rural housing	
6	Definition and hygiene of public places, school hygiene	
7	Continued discussion of school health, hospitality, prison health	
8	Hospital health,	
9	Hygiene of public baths, hygiene of swimming pools, hygiene of camps, hygiene of holy places	
10	Existing regulations and by-laws (Food, Beverage, Cosmetics, Health Law, especially Articles 13 and 14 of this law, etc.)	