

Theoretical and practical courses

Ilam University of Medical Sciences

Introduction of the course: First aid in medical emergencies in the second semester of the academic year 1300-1499

School: Health Department: Public Health

Field and degree: Bachelor of Public Health Day

time and place: days of the week

Number and type of unit (theoretical): 2 (theory-practical)

Name of the person in charge of the course (course teacher): Asad Imani

Prerequisite courses: Anatomy - Physiology Office

address: Campus 2, School of Nursing and Midwifery

Phone and call days:

General Objective of the course: To acquaint students with basic life-giving measures and to acquire the necessary ability to face a patient or injured person (adult, child and infant) with cardiopulmonary arrest in normal and special conditions (frostbite, drowning, pregnant women, electrocution, Bite) and principles and methods of emergency medical assistance

Course Description: In this course, the student learns how to deal with and make the appropriate decision to start and continue resuscitation operations, while gaining basic knowledge with cardio-respiratory arrests under normal and special circumstances. It also learns the principles and methods of emergency medical care and implements them on educational models.

Specific or partial objectives of the course:

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

1- Establish a favorable relationship with the teacher and other students (emotional domain).

Explain the principles of first aid (cognitive domain).

3- Explain the characteristics and features of a helper (cognitive domain).

4- Name and define the types of shock (cognitive domain).

Describe the methods of dealing with the patient with shock (cognitive domain).

6- Explain the methods of controlling bleeding (cognitive domain).

7- Explain the concept of basic resuscitation (cognitive domain).

8- Explain the stages of basic rehabilitation (cognitive domain).

9- Explain the difference between real and apparent death (cognitive domain).

- 10- Briefly explain the role of technicians in basic resuscitation (cognitive domain).
- 11- Perform various airway opening maneuvers on the model. (Motor psychology)
- 12- How to do phlebic massage on the model. (Motor psychology)
- 13- Explain the use of AED in the patient (cognitive domain).
- 14- Describe the initial measures in dealing with various types of fractures, dislocations and muscle injuries. (Cognitive domain)
- 15- Perform various dressings and splints on the model.

Student duties (student homework during the semester):

- 1- Being ready for each class session (studying the topics of the previous and present session, answering oral and written questions)
- 2- Active participation in class discussions
- 3- Timely submission of assignments according to the class calendar
- 4- Presenting a case in relation to the taught cases

The main sources of the lesson:

Resuscitation & First Aid Guide 2020 European Resuscitation Association and American Heart Association

Teaching methods + teaching aids used:

Teaching methods: lectures, small group discussions, simulations

Educational aids used: computer, projector, educational model

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

The evaluation will be integrated. Input assessment at the beginning of each teaching session, formative assessment during the semester (class and midterm exams) and final assessment (end exam).

Lesson rules and expectations from students:

Schedule and predicted contents of each theory session

Session	Topic	Necessary preparation of students before the start of the class
1	Introducing the lesson and determining the students' homework	-Study the topic of the present and previous sessions and answer the questions -Active participation in

		online classes
2	The concept of basic resuscitation	
3	Airway maneuvers	
4	Cardiac massage	
5	AED	
6	Take initial action in specific medical emergencies Resuscitation (practical)	
7	Splinting	Perform skills
8	dressing	
9	injections	
10	The concept of basic resuscitation	
11	Practical work	
12	Practical work	
13	Practical work	
14	Practical work	
15	Practical work	
16	Practical work	
17	Practice exam	