



**MEDICINE AND SOCIETY
SECOND YEAR OF STUDIES**

Academic year 2023/2024.

FIRST AID

Subject:

FIRST AID

The course is evaluated with 3 ECTS. There are 1 hours of active teaching per week (1 hours of lectures and 1 hour of work in a small group).

TEACHERS AND ASSOCIATES:

No	Name and surname	Email address	Teacher - head of the module
1.			
2.	DrakceRadovanovic	drakce_5@hotmail.com	Full profesor
3.	Professor dr Nenad Zornic	nenadzornic@gmail.com	Associate Professor
4.	Tatjana Vulovic	tatjana_vulovic@zahoo.com	Associate Professor
5.	NikolaProdanovic	nikolaprodanovic@gmail.com	associate professor drNenadZornic
6.	instructorsofERC		

ASSESSMENT:

The student masters the subject as a whole. The grade is equivalent to the number of points earned (see tables). Points are earned in three ways:

ACTIVITY DURING LESSON: In this way, the student can earn up to 10 points. His knowledge of the material, preparation for working in a small group and teamwork are evaluated.

ASSESSED SKILLS TO PROVIDE BASIC LIFE SUPPORT: A student can gain up to 30 points and according to the attached table:

FINAL TEST: In this way, the student can gain up to 60 points.

FINAL TEST
0-60 POINTS

FINAL TESTS BY MODULE: In this way, the student can gain up to 60 points, and according to the attached table, each question carries 2 points.

SKILL		Maximum points				
		assessmnt of acquired skills	activity during classes	final test	Σ	
1	Поштовање протокола	activity during classes		10	60	
2	Chest compresion	10 points in total, with 5 points each for assessing adequate compression depth and adequate compression frequency, along with an adequate hand position during compressions.				
3	Assesement of Breathing	5				
4	Usage of automatic external defibrillation	5				
Σ		30	10	60	100	

The final grade is formed as follows:

In order to pass the course, the student must obtain a minimum of 51 points and pass all modules. To pass the module the student must:

1. obtains more than 50% points in that module.
2. acquires more than 50% of the points provided for the activity in teaching in each module.
3. pass the module test, i.e. have more than 50% correct answers.
4. obtain more than 50% points on the practical skills test.

number of points won	grade
0 - 50	5
51 - 60	6
61 - 70	7
71 - 80	8
81 - 90	9
91 - 100	10

LITERATURE:

The title of the text book	Authors	Publisher
Advanced Life Support Groups by Erca	Advanced Life Support Groups by Erca	Advanced Life Support Groups by Erca

THE PROGRAM

lectures 1 hours

work in a small group 1 hour

• Basic life support and AED

- o Frequency, causes and diagnosis of cardiac arrest.
- o Chain of survival: the importance of each link
- o Automatic external defibrillation Risks during CPR (transmission disease).
- o Basic Life Support algorithm

• First aid in case of airway obstruction by a foreign body

- o Heimlich procedure
- o Abdominal thrusts

• First aid in case of drowning; First aid in case of electric shock

- o Evacuation of the drowned person from the water
- o Drowning in fresh and salt water
- o Protocol for the disposal of drowned persons
- o Basic and advanced life support for drowning victims
- o Release from the action of electric current and CPR

• First aid for poisoning

- o Drug overdose
- o Alcohol poisoning
- o Poisoning by wild plants and mushrooms
- o Specific procedures in relation to the type and method of introduction of poison

• First aid after exposure to extreme temperatures

- o Burns
- o Heat stroke about Frost bite
- o hypothermia

• First aid for bleeding and wounds; First aid for nosebleeds

- o External and internal bleeding
- o Stop bleeding
- o Compression dressing, limb elevation, limb ligation
- o Management of shock

• First aid in treating bone and joint

• Basic life support

- o Checking the state of consciousness
- o Assessment of breathing
- o Chest compressions

• Opening of the airway and artificial ventilation

- o Basic maneuvers for opening the airway: throwing the head-raising the chin; triple grip
- o Ventilation of the casualty using the "mouth-to-mouth" method

• Automatic external defibrillation

- o Placement of self-adhesive electrodes
- o Acting on AED commands

• Placing the victim in a safe lateral position

injuries

- o First aid for sprains and sprains
- o First aid for open and closed fractures
 - o o Principles of mobilization

EXERCISES - FIRST BLOCK

Exercises on the CPR mannequin, lasting 5 school hours. They are conducted at the Institute for Emergency Medical Assistance

- Basic life support
 - o Checking the state of consciousness
 - o Assessment of breathing
 - o Chest compressions
- Opening the airway and artificial ventilation
 - o Opening the airway, basic maneuvers
 - o Artificial respiration using the "mouth-to-mouth" method

EXERCISES - SECOND BLOCK

Exercises on the CPR mannequin, lasting 5 school hours. They are conducted at the Institute for Emergency Medical Assistance

- Getting to know the device for automatic external defibrillation
- Application of AED
- The technique of placing the victim in a safe lateral "coma position"

EXERCISES - THIRD BLOCK

Exercises on the CPR mannequin, lasting 5 school hours. They are conducted at the Institute for Emergency Medical Assistance

- Practicing the Basic Life Support protocol
- Testing of practical skills

WEEKLY COURSE SCHEDULE

COURSE	TUESDAY
FIRST AID (1+1)	<p>LECTURES 14:15 - 15:00 Blue Hall (H44)</p> <p>PRACTICE 15:30 - 17:00 (Institute for Emergency Medical Assistance)</p>

LESSON SCHEDULE FOR First Aid SUBJECT 1

Week	Type	Unit name	Professor
1	L 3 hours	• Basic life support and AED	associate professor drNenadZornic
3	L 2 hours	First aid in case of airway obstruction by a foreign body	associate professor drNenadZornic
5	L 2 hours	First aid for drowning; First aid in case of electric shock	associate professor drNenadZornic
7	L 2 hours	First aid for poisoning	associate professor drNenadZornic
9	L 2 hours	First aid after exposure to extreme temperatures	associate professor drTatjana Vulovic
11	L 2 hours	First aid for bleeding and wounds; First aid for nosebleeds	fullproffesorDrakceRadovanovic
13	L 2 hours	First aid in treating bone and joint injuries	associate professor Nikola Prodanovic