[Medicinski fakultet u Rijeci]

Curriculum
2023/2024

[Za kolegij]

First Aid

Study program:	**Medical Studies in English (R)** [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za anesteziologiju, reanimatologiju, hitnu i intenzivnu medicinu]**
Course coordinator:	**doc. dr. sc. Bobinac Mirna, dr. med.**
Year of study:	**1**
ECTS:	**1**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

First Aid Course is an obligatory first year course of the integrated undergraduate and graduate university study of medicine. Course is made of 8 hours of lectures and 12 hours of practical classes, in total 20 hours (1 ECTS). It is organised in Kabinet vještina – Skills Lab Simulation Centre of the Department of anaesthesiology, reanimatology and intensive care medicine (School of Medicine, University Campus, building of the university departments).

Aim of the course is to learn basic knowledge and skills to provide first aid. The students will be introduced with basic life support and automated external defibrillation. Also, the students will be taught to assess the deteriorating patient and to provide first aid for medical and trauma emergencies.

Course content: Definition and meaning of First Aid. Cardiorespiratory arrest and resuscitation. Basic life support. Use of automated external defibrillator. Assessment of the deteriorating patient (ABCDE approach). First Aid for medical emergencies. First Aid for trauma emergencies.

Classes: The class is composed of lectures and practicals, during two weeks per group. During the practical classes assistant is demonstrating skills and then supervising active student performance. Special circumstances of each skill are discussed. During the practicals, an obligatory test will be held and a written exam at the end of all classes. By the end of the course, with completion of all tasks and obligations, a student earn 1 ECTS point.

List of assigned reading:

1. Slide handouts
2. G.D. Perkins et al. European Resuscitation Council Guidelines for Resuscitation 2015: Section 2. Adult basic life support and automated external defibrillation. Resuscitation, October 2015, Pages 81 - 99
3. D.A. Zideman et al. European Resuscitation Council Guidelines for Resuscitation 2015 Section 9. First aid. Resuscitation, October 2015, Pages 264 - 277

List of optional reading:

1. Basic life support ERC course manual
2. Guidelines for first aid: 2015 American Heart Association and American Red Cross

Curriculum:

[Predavanja] list (with titles and explanation):

Course introduction. Vital functions and death. Basic life support (BLS)

Familiarize with First Aid and course obligations. Learn how to perform basic life support (chest compressions and rescue breaths). Understanding the importance and significance of basic life support.

L2. Automated external defibrillator (AED)

Understanding the place for AED in the BLS algorithm. Learning how to safely use an AED.

L3. Side-lying recovery position. First Aid in choking.

Recognition and treatment of airway obstruction

L4. Assessment of the deteriorating patient. ABCDE approach.

Recognition of life threatening conditions. Systemic approach for patient assessment.

L5. First Aid for trauma emergencies

Learn basic skills for treatment of critically injured patient using First Aid guidelines

L6. First Aid for medical emergencies

Recognize situations where First Aid may be useful. Learn basic knowledge for Firs Aid in different emergencies.

[Vježbe] list (with titles and explanation):

P1. Basic life support (BLS).

-

P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.

-

P3: Airway management for First Aid providers. Side-lying recovery position.

-

P4: The deteriorating patient (ABCDE approach).

-

P5: First Aid for trauma and medical emergencies

-

Student obligations:

Students are obliged to attend all practical classes and to actively participate during the classes. Also, the students have to pass the BLS practical test.

Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):

Student grading will be conducted according to the current Ordinance on Studies of the University of Rijeka (approved by the Senate) and the Ordinance on Student Grading at the Faculty of Medicine in Rijeka (approved by the Faculty Council). Student work will be assessed and graded during the course and at the final exam. During the course, all students are obliged to take the BLS practical test. During the test, the assistant assesses the skill and knowledge of a student. At the end of the course and after taking the practical test, a written exam follows, with 25 multiple choice questions. Students that have achived 75% of correct answers on the written exam are graded satisfactory (1ECTS point). Students that have not achived 75% of correct answers are graded non satisfactory.

Other notes (related to the course) important for students:

Course content and all the notifications regarding the course, including exame dates, can be found on the official web site - http://www.medri.uniri.hr

COURSE HOURS 2023/2024

First Aid

[Predavanja] (Place and time or group)	**[Vježbe]** (Place and time or group)
02.10.2023	

Course introduction. Vital functions and death. Basic life support (BLS):
• [P08] (08:00 - 11:00) [259] [352]
  ○ FA
 	
L2. Automated external defibrillator (AED):
• [P08] (08:00 - 11:00) [259] [352]
  ○ FA
 	
L3. Side-lying recovery position. First Aid in choking.:
• [P08] (08:00 - 11:00) [259] [352]
  ○ FA	

doc. dr. sc. Bobinac Mirna, dr. med. [352] · prof. dr. sc. Protić Alen, dr. med. [259]	
06.10.2023	

	P1. Basic life support (BLS).:
	• [Kabinet vještina, vježbalište 1] (08:00 - 13:00) [355] [1912]
	  ○ FA 3A
	
	P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:
	• [Kabinet vještina, vježbalište 1] (08:00 - 13:00) [355] [1912]
	  ○ FA 3A
	
	P3: Airway management for First Aid providers. Side-lying recovery position.:
	• [Kabinet vještina, vježbalište 1] (08:00 - 13:00) [355] [1912]
	  ○ FA 3A
	
	P4: The deteriorating patient (ABCDE approach).:
	• [Kabinet vještina, vježbalište 1] (08:00 - 13:00) [355] [1912]
	  ○ FA 3A
	
	P5: First Aid for trauma and medical emergencies:
	• [Kabinet vještina, vježbalište 1] (08:00 - 13:00) [355] [1912]
	  ○ FA 3A

naslovni asistent Bura Matej, dr. med. [355] · naslovni asistent Vuksan Ivan, dr. med. [1912]	
13.10.2023	

	P1. Basic life support (BLS).: • [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [355] [354] ◦ FA 1A P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.: • [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [355] [354] ◦ FA 1A P3: Airway management for First Aid providers. Side-lying recovery position.: • [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [355] [354] ◦ FA 1A P4: The deteriorating patient (ABCDE approach).: • [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [355] [354] ◦ FA 1A P5: First Aid for trauma and medical emergencies: • [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [355] [354] ◦ FA 1A
naslovni asistent Bura Matej, dr. med. [355] · Pičuljan Ana, dr. med. [354]	
18.10.2023	
L4. Assessment of the deteriorating patient. ABCDE approach.: • [P08] (11:00 - 14:00) [352] ◦ FA L5. First Aid for trauma emergencies: • [P08] (11:00 - 14:00) [352] ◦ FA L6. First Aid for medical emergencies: • [P08] (11:00 - 14:00) [352] ◦ FA	
doc. dr. sc. Bobinac Mirna, dr. med. [352]	
20.10.2023	
	P1. Basic life support (BLS).: • [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [354] [1912] ◦ FA 2A P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.: • [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [354] [1912] ◦ FA 2A P3: Airway management for First Aid providers. Side-lying recovery position.: • [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [354] [1912] ◦ FA 2A P4: The deteriorating patient (ABCDE approach).: • [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [354] [1912] ◦ FA 2A P5: First Aid for trauma and medical emergencies: • [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [354] [1912] ◦ FA 2A
Pičuljan Ana, dr. med. [354] · naslovni asistent Vuksan Ivan, dr. med. [1912]	
27.10.2023	

	P1. Basic life support (BLS).:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [355] [354]
	  ◦ FA 2B
	
	P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [355] [354]
	  ◦ FA 2B
	
	P3: Airway management for First Aid providers. Side-lying recovery position.:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [355] [354]
	  ◦ FA 2B
	
	P4: The deteriorating patient (ABCDE approach).:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [355] [354]
	  ◦ FA 2B
	
	P5: First Aid for trauma and medical emergencies:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [355] [354]
	  ◦ FA 2B

naslovni asistent Bura Matej, dr. med. [355] · Pičuljan Ana, dr. med. [354]	
03.11.2023	

	P1. Basic life support (BLS).:
	• [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [354] [355]
	  ◦ FA 1B
	
	P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:
	• [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [354] [355]
	  ◦ FA 1B
	
	P3: Airway management for First Aid providers. Side-lying recovery position.:
	• [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [354] [355]
	  ◦ FA 1B
	
	P4: The deteriorating patient (ABCDE approach).:
	• [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [354] [355]
	  ◦ FA 1B
	
	P5: First Aid for trauma and medical emergencies:
	• [Kabinet vještina, vježbalište 3] (08:00 - 13:00) [354] [355]
	  ◦ FA 1B

naslovni asistent Bura Matej, dr. med. [355] · Pičuljan Ana, dr. med. [354]	
17.11.2023	

	P1. Basic life support (BLS).:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [1912] [355]
	  ◦ FA 3B
	
	P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [1912] [355]
	  ◦ FA 3B
	
	P3: Airway management for First Aid providers. Side-lying recovery position.:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [1912] [355]
	  ◦ FA 3B
	
	P4: The deteriorating patient (ABCDE approach).:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [1912] [355]
	  ◦ FA 3B
	
	P5: First Aid for trauma and medical emergencies:
	• [Kabinet vještina, vježbalište 3] (11:00 - 16:00) [1912] [355]
	  ◦ FA 3B

naslovni asistent Bura Matej, dr. med. [355] · naslovni asistent Vuksan Ivan, dr. med. [1912]	

List of lectures, seminars and practicals:

[PREDAVANJA] (TOPIC)	Number of hours	Location
Course introduction. Vital functions and death. Basic life support (BLS)	1	[P08]
L2. Automated external defibrillator (AED)	1	[P08]
L3. Side-lying recovery position. First Aid in choking.	1	[P08]
L4. Assessment of the deteriorating patient. ABCDE approach.	1	[P08]
L5. First Aid for trauma emergencies	1	[P08]
L6. First Aid for medical emergencies	1	[P08]

[VJEŽBE] (TOPIC)	Number of hours	Location
P1. Basic life support (BLS).	3	[Kabinet vještina, vježbalište 1] [Kabinet vještina, vježbalište 3]
P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.	3	[Kabinet vještina, vježbalište 1] [Kabinet vještina, vježbalište 3]
P3: Airway management for First Aid providers. Side-lying recovery position.	3	[Kabinet vještina, vježbalište 1] [Kabinet vještina, vježbalište 3]
P4: The deteriorating patient (ABCDE approach).	3	[Kabinet vještina, vježbalište 1] [Kabinet vještina, vježbalište 3]
P5: First Aid for trauma and medical emergencies	3	[Kabinet vještina, vježbalište 1] [Kabinet vještina, vježbalište 3]

EXAM DATES (final exam):

1.	06.12.2023.
2.	20.12.2023.
3.	25.01.2024.