

Medicinski fakultet u Rijeci

## IZVEDBENI NASTAVNI PLAN 2024/2025

Za kolegij

### First Aid

Studij:	<b>Medical Studies in English (R)</b> Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	<b>Katedra za anesteziologiju, reanimatologiju, hitnu i intenzivnu medicinu</b>
Nositelj kolegija:	<b>doc. dr. sc. Bobinac Mirna, dr. med.</b>
Godina studija:	<b>1</b>
ECTS:	<b>1</b>
Stimulativni ECTS:	<b>0 (0.00%)</b>
Strani jezik:	<b>Mogućnost izvođenja na stranom jeziku</b>

## **Podaci o kolegiju:**

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.

## **Popis obvezne ispitne literature:**

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

## **Popis dopunske literature:**

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

## **Nastavni plan:**

### **Predavanja popis (s naslovima i pojašnjenjem):**

#### **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 First Aid in different emergencies.

### **Vježbe popis (s naslovima i pojašnjenjem):**

#### **P1. Basic life support (BLS).**

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

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

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#### **P4: The deteriorating patient (ABCDE approach).**

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#### **P5: First Aid for trauma and medical emergencies**

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## **Obveze studenata:**

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.

**Ispit (način polaganja ispita, opis pisanog/usmenog/praktičnog dijela ispita, način bodovanja, kriterij ocjenjivanja):**

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 achieved 75% of correct answers on the written exam are graded satisfactory (1 ECTS point). Students that have not achieved 75% of correct answers are graded non satisfactory.

**Ostale napomene (vezane uz kolegij) važne za studente:**

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

# SATNICA IZVOĐENJA NASTAVE 2024/2025

First Aid

<b>Predavanja</b> (mjesto i vrijeme / grupa)	<b>Vježbe</b> (mjesto i vrijeme / grupa)
<b>30.09.2024</b>	
<p>Course introduction. Vital functions and death. Basic life support (BLS):</p> <ul style="list-style-type: none"><li>• P08 (08:00 - 11:00) [352]<ul style="list-style-type: none"><li>◦ FA</li></ul></li></ul> <p>L2. Automated external defibrillator (AED):</p> <ul style="list-style-type: none"><li>• P08 (08:00 - 11:00) [352]<ul style="list-style-type: none"><li>◦ FA</li></ul></li></ul> <p>L3. Side-lying recovery position. First Aid in choking.:</p> <ul style="list-style-type: none"><li>• P08 (08:00 - 11:00) [352]<ul style="list-style-type: none"><li>◦ FA</li></ul></li></ul>	
doc. dr. sc. Bobinac Mirna, dr. med. [352]	
<b>04.10.2024</b>	
	<p>P1. Basic life support (BLS).:</p> <ul style="list-style-type: none"><li>• Kabinet vještina, vježbalište 1 (08:00 - 13:00) [355] [1912]<ul style="list-style-type: none"><li>◦ FA 3A</li></ul></li></ul> <p>P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:</p> <ul style="list-style-type: none"><li>• Kabinet vještina, vježbalište 1 (08:00 - 13:00) [355] [1912]<ul style="list-style-type: none"><li>◦ FA 3A</li></ul></li></ul> <p>P3: Airway management for First Aid providers. Side-lying recovery position.:</p> <ul style="list-style-type: none"><li>• Kabinet vještina, vježbalište 1 (08:00 - 13:00) [355] [1912]<ul style="list-style-type: none"><li>◦ FA 3A</li></ul></li></ul> <p>P4: The deteriorating patient (ABCDE approach).:</p> <ul style="list-style-type: none"><li>• Kabinet vještina, vježbalište 1 (08:00 - 13:00) [355] [1912]<ul style="list-style-type: none"><li>◦ FA 3A</li></ul></li></ul> <p>P5: First Aid for trauma and medical emergencies:</p> <ul style="list-style-type: none"><li>• Kabinet vještina, vježbalište 1 (08:00 - 13:00) [355] [1912]<ul style="list-style-type: none"><li>◦ FA 3A</li></ul></li></ul>
asistent Bura Matej, dr. med. [355] · naslovni asistent Vuksan Ivan, dr. med. [1912]	
<b>11.10.2024</b>	

	<p>P1. Basic life support (BLS).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 1A</li> </ul> </li> </ul> <p>P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 1A</li> </ul> </li> </ul> <p>P3: Airway management for First Aid providers. Side-lying recovery position.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 1A</li> </ul> </li> </ul> <p>P4: The deteriorating patient (ABCDE approach).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 1A</li> </ul> </li> </ul> <p>P5: First Aid for trauma and medical emergencies:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 1A</li> </ul> </li> </ul>
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naslovna asistentica Božić Katarina, dr. med. <sup>[1913]</sup> · asistent Bura Matej, dr. med. <sup>[355]</sup>

**16.10.2024**

	<p>P1. Basic life support (BLS).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 3B</li> </ul> </li> </ul> <p>P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 3B</li> </ul> </li> </ul> <p>P3: Airway management for First Aid providers. Side-lying recovery position.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 3B</li> </ul> </li> </ul> <p>P4: The deteriorating patient (ABCDE approach).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 3B</li> </ul> </li> </ul> <p>P5: First Aid for trauma and medical emergencies:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 3B</li> </ul> </li> </ul>
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naslovna asistentica Božić Katarina, dr. med. <sup>[1913]</sup> · naslovni asistent Vuksan Ivan, dr. med. <sup>[1912]</sup>

**18.10.2024**

	<p>P1. Basic life support (BLS).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[355]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 2A</li> </ul> </li> </ul> <p>P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[355]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 2A</li> </ul> </li> </ul> <p>P3: Airway management for First Aid providers. Side-lying recovery position.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[355]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 2A</li> </ul> </li> </ul> <p>P4: The deteriorating patient (ABCDE approach).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[355]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 2A</li> </ul> </li> </ul> <p>P5: First Aid for trauma and medical emergencies:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[355]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 2A</li> </ul> </li> </ul>
<p>asistent Bura Matej, dr. med. <sup>[355]</sup> · naslovni asistent Vuksan Ivan, dr. med. <sup>[1912]</sup></p>	
<p><b>25.10.2024</b></p>	
	<p>P1. Basic life support (BLS).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 2B</li> </ul> </li> </ul> <p>P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 2B</li> </ul> </li> </ul> <p>P3: Airway management for First Aid providers. Side-lying recovery position.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 2B</li> </ul> </li> </ul> <p>P4: The deteriorating patient (ABCDE approach).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 2B</li> </ul> </li> </ul> <p>P5: First Aid for trauma and medical emergencies:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (08:00 - 13:00) <sup>[355]</sup> <sup>[1913]</sup> <ul style="list-style-type: none"> <li>◦ FA 2B</li> </ul> </li> </ul>
<p>naslovna asistentica Božić Katarina, dr. med. <sup>[1913]</sup> · asistent Bura Matej, dr. med. <sup>[355]</sup></p>	
<p><b>28.10.2024</b></p>	
<p>L5. First Aid for trauma emergencies:</p> <ul style="list-style-type: none"> <li>• P08 (12:00 - 14:00) <sup>[352]</sup> <ul style="list-style-type: none"> <li>◦ FA</li> </ul> </li> </ul> <p>L6. First Aid for medical emergencies:</p> <ul style="list-style-type: none"> <li>• P08 (12:00 - 14:00) <sup>[352]</sup> <ul style="list-style-type: none"> <li>◦ FA</li> </ul> </li> </ul>	
<p>doc. dr. sc. Bobinac Mirna, dr. med. <sup>[352]</sup></p>	
<p><b>22.11.2024</b></p>	

	<p>P1. Basic life support (BLS).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 1B</li> </ul> </li> </ul> <p>P2 Automated external defibrillation (AED). BLS practical test. Pocket mask.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 1B</li> </ul> </li> </ul> <p>P3: Airway management for First Aid providers. Side-lying recovery position.:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 1B</li> </ul> </li> </ul> <p>P4: The deteriorating patient (ABCDE approach).:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 1B</li> </ul> </li> </ul> <p>P5: First Aid for trauma and medical emergencies:</p> <ul style="list-style-type: none"> <li>• Kabinet vještina, vježbalište 3 (11:00 - 16:00) <sup>[1913]</sup> <sup>[1912]</sup> <ul style="list-style-type: none"> <li>◦ FA 1B</li> </ul> </li> </ul>
naslovna asistentica Božić Katarina, dr. med. <sup>[1913]</sup> . naslovni asistent Vuksan Ivan, dr. med. <sup>[1912]</sup>	

### Popis predavanja, seminara i vježbi:

PREDAVANJA (TEMA)	Broj sati	Mjesto održavanja
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	
L5. First Aid for trauma emergencies	1	P08
L6. First Aid for medical emergencies	1	P08

VJEŽBE (TEMA)	Broj sati	Mjesto održavanja
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

### ISPITNI TERMINI (završni ispit):

1.	04.12.2024.
2.	18.12.2024.
3.	27.01.2025.
4.	11.07.2025.
5.	09.09.2025.