



CHARLES UNIVERSITY  
First Faculty of Medicine

## First Aid, Meeting with the Clinicians (B83010)

### Syllabus

<b>Head of study subject</b>	Mgr. Jana Heczková (jana.heczkova@lf1.cuni.cz)
<b>Responsible teacher</b>	Mgr. Ludmila Maffei Svobodová (ludmila.maffei@lf1.cuni.cz)
<b>Study program</b>	General Medicine
<b>Study field</b>	
<b>Year</b>	1.
<b>Semester</b>	Winter semester
<b>Form of study</b>	Full time
<b>Required classification</b>	Credit
<b>Number of credits</b>	2
<b>Hours in semester</b>	15 hours
<b>Number of students</b>	Unlimited
<b>Pre-requisite</b>	
<b>Co-requisite</b>	

#### Course objectives

Students gain basic knowledge and skills needed to perform first aid on the street. The course consists of theoretical and practical parts. Background knowledge is gained by completing the e-learning course “GM First Aid” available on <https://dl1.cuni.cz/course/view.php?id=4724>. Skills are practiced in the classroom.

Main topics include:

- Primary and Secondary Assessment

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- Severe injuries
- Medical emergencies
- Basic life support
- Paediatric basic life support
- Basic life support in special circumstances

**Theoretical part** is carried out using e-learning teaching methods. Successful completion of an e-learning course is a required to obtain the credit.

- Detailed information on e-learning course are provided during the first lesson.
- Time schedule to complete particular parts of e-learning course are available in the introduction section.
- Compulsory and recommended learning resources for particular topics are part of the e-learning course.
- Study progress can be checked in section “Grades”.
- Requirements to complete the e-learning course successfully
  - Overall score at least 80 %
  - Score for each course section including final at least 80 %
 Improvements can be achieved by improving results of test available for each section. Attendance and participation on training session is part of evaluation for each particular section.

**Skills training** is organized in small groups of students. The list of available skills training sessions for each course section is available via e-learning course. Student register for one session in each course section. The list of equipment for each training session is available in e-learning course.

During skills training session students:

- wear the student ID card,
- maintain common hygiene standards (washing hand, no food, drinks and chewing gums during work with dummy,
- are dressed and equipped so that the skills training is feasible (absence of jewellery and watches on hands, longer hair pulled back, etc.),
- follow the teacher's instructions.

**Credits are awarded under the following conditions:**

- 1) Successful completion of e-learning course (details above) during the current academic year,
- 2) Attendance and adequate performance on at least 6 different (out of 7) skills training sessions during the current academic year.

In case of **attendance is missing** during **1** skills training session the student prepares a presentation and a practical demonstration of first aid lasting at least 10 minutes for a topic assigned by the teacher. The terms of the presentations are published by the teacher in the final part of the e-learning course. Assessment of the presentation is a part of the overall assessment.

In case of **attendance is missing** for **2 or more** skills training sessions, the student **did not meet the requirements** to obtain credits during particular academic year.

- 3) Participation and relevant performance during final skills training session of the current academic year. In case of absence, lack of participation or inadequate performance, individual theoretical and practical verification of knowledge is required. Points 1 and 2 have to be completed before registration for verification of knowledge.

There are not more than 3 attempts to complete this verification. **Prior** excuse of **responsible teacher** is required in order to change the date of verification. **Later** request to consider excuse is possible only for very serious and authorized reasons (eg unplanned hospitalization) and has to be addressed to **the head of study subject**.

The practical skill No 2 (Pre-hospitalization CPR) on List of practical procedures will be confirmed during the credit session if the student where present during lesson.

**Recommended resources:**

- Monsieurs, KG, Nolan, JP, Bossaert, LL, Greif, R, Maconochie, IK, Nikolaou, NI, et al. *European Resuscitation Council Guidelines for Resuscitation 2015: Section 1. Executive summary*. Resuscitation, 2015. **95**: 1-80.
- Nolan, JP, Hazinski, MF, Aickin, R, Bhanji, F, Billi, JE, Callaway, CW, et al. *Part 1: Executive summary. 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendation*. Resuscitation, 2015. **95**: e1-e31.
- Perkins, GD, Handley, AJ, Koster, RW, Castrén, M, Smyth, MA, Olasveengen, T, et al. *European Resuscitation Council Guidelines for Resuscitation 2015 Section 2. Adult basic life support and automated external defibrillation*. Resuscitation, 2015. **95**: 81-99.
- Perkins, GD, Travers, AH, Berg, RA, Castren, M, Considine, J, Escalante, R, et al. *Part 3: Adult basic life support and automated external defibrillation*. Resuscitation, 2015. **95**: e43-e69.
- Maconochie, IK, Bingham, R, Eich, C, López-Herce, J, Rodríguez-Núñez, A, Rajka, T, et al. *European Resuscitation Council Guidelines for Resuscitation 2015 Section 6. Paediatric life support*. Resuscitation, 2015. **95**: 223-248.
- Maconochie, IK, de Caen, AR, Aickin, R, Atkins, DL, Biarent, D, Guerguerian, A-M, et al. *Part 6: Pediatric basic life support and pediatric advanced life support. 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations*. Resuscitation, 2015. **95**: e147-e168.
- Zideman, DA, De Buck, EDJ, Singletary, EM, Cassan, P, Chalkias, AF, Evans, TR, et al. *European Resuscitation Council Guidelines for Resuscitation 2015 Section 9. First aid*. Resuscitation, 2015. **95**: 278-287.
- Zideman, DA, Singletary, EM, De Buck, EDJ, Chang, W-T, Jensen, JL, Swain, JM, et al. *Part 9: First aid*. Resuscitation, 2015. **95**: e225-e261.
- Málek J., Dvořák A., Knor J. et al. *First Aid*. Prague: Third Faculty of Medicine, Charles University, 2015. Available from: [https://www.lf3.cuni.cz/3LFEN-234-version1-first\\_aid\\_2016\\_03\\_03.pdf#page=6](https://www.lf3.cuni.cz/3LFEN-234-version1-first_aid_2016_03_03.pdf#page=6) . Accessed on 15/1/2018.