

Subject programme

1. Subject name / subject module: **Pre-Medical First Aid**
2. Lecture language: **English**
3. **The location of the subject in study plans:**
 - Area or areas of the studies: Computer Engineering and Mechatronics
 - Degree of the studies: **1st degree studies**
 - Field or fields (implementation of effects standard): **Mechatronics**
4. Supervision of subject implementation:
 - The Institute / Another unit: **Institute of Informatics and Mechatronics**
 - The person responsible for the subject: **Skaliy Tatiana, dr**
 - People cooperating in the development of the programme of the subject:
5. The number of hours and forms of teaching for individual study system and the evaluation method

Mode of study	Teaching activities with the tutor																				Total ECTS
	Form of classes																				
	PWS	ECTS	Classes	PWS	ECTS	...	PWS	ECTS	...	PWS	ECTS	Classes - remote	PWS	ECTS	...	PWS	ECTS	...	PWS	ECTS	
Full-time studies			14	3								8									
Part-time studies					1																
Credit rigor	...			pass/fail grading																	

6. Student workload – ECTS credits balance
1 ECTS credit corresponds to 25-30 hours of student work needed to achieve the expected learning outcomes including the student's own work

Activity (please specify relevant work for the subject)	Hourly student workload (full-time studies/part-time studies)
Participation in classes	14/0
Independent study of the subject	9/0
Participation in an exam / graded assignment / final grading	2/0
Total student workload (TSW)	25/0
ECTS credits	1
* Student's workload related to practical forms	25/0
Student's workload in classes requiring direct participation of academic teachers	14/0

7. Implementation notes: recommended duration (semesters), recommended admission requirements, relations between the forms of classes:

None

Recommended duration of the subject is taken from the course plan.

8. Specific learning outcomes – knowledge, skills and social competence

Specific learning outcomes for the subject		Form	Teaching method	Methods for testing of (checking, assessing) learning outcomes
Outcome symbol	Outcome description			
Skills				
K_U21	Student is able to pursue self-education in the field of Premedical First Aid also during professional work	Classes	inquiry method	test; tasks; observation of students' work during the implementation of exercises, evaluation and analysis of performed practical tasks

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9. Assessment rules / criteria for each form of education and individual grades

0% - 50%	ndst	81% - 90%	db
51% - 70%	dst	91% - 93%	db+
71% - 80%	dst+	94% - 100%	bdb

Activity	Grades	Calculation	To Final
Test	bdb (5)	5*50%	2,5
Performing the exercises	bdb (5)	5*40%	2
Attendance	at 80% of classes	5*10%	0,5
Final score			5

10. The learning contents with the form of the class activities on which they are carried out

Classes

1. Cardiopulmonary resuscitation;
2. Injured and unconscious person;
3. Respiratory obstruction;
4. Life threatening states associated with the nervous system.
5. Symptoms and conduct;
6. Diseases and emergencies requiring assistance related to the respiratory system, cardiovascular system.
7. Frostbite, thermal burns, chemical burns, electric shock;
8. Types of wounds and their supplies, hemorrhages;
9. Injuries of the musculoskeletal system, head, spine;
10. Management in various life-threatening conditions and diseases.
11. Symptoms and conducts;

11. Required teaching aids

Classes - a room adapted for conducting classes in the form of Classes / workshops, multimedia projector

12. Literature:

a. Basic literature:

- First Aid Emergency Handbook, - eHandbook, Australian Design0Award. 2018.
<https://survivalfirstaidkits.net.au/pages/ebook-download>

b. Supplementary literature:

c. Internet sources:

13. Available educational materials divided into forms of class activities (Author's compilation of didactic materials, e-learning materials, etc.)

14. Teachers implementing particular forms of education

Form of education	Name and surname
1. Classes	Skaliy Tatiana, dr