

Subject name First Aid with Elements of Nursing	ECTS Code																						
Name of unit teaching the subject THE ZBIGNIEW RELIGA FACULTY OF MEDICAL SCIENCES IN ZABRZE, THE UNIVERSITY OF TECHNOLOGY IN KATOWICE																							
Studies <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Field of study</th> <th style="width: 25%;">degree</th> <th style="width: 25%;">mode</th> <th style="width: 25%;">major</th> <th style="width: 25%;">specialization</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">medical</td> <td style="text-align: center;">Uniform Master's</td> <td style="text-align: center;">stationary</td> <td></td> <td></td> </tr> </tbody> </table>		Field of study	degree	mode	major	specialization	medical	Uniform Master's	stationary														
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Didactic cycle Semester 01																							
Subject status <ul style="list-style-type: none"> • mandatory / facultative 	Language of instruction Polish																						
Didactic methods Work with students in the form of lectures divided into individual aspects concerning the subject Work with students in the form of practical exercises with the use of phantoms or other scientific aids Individual work of the students in the form of a single	Forms and methods of passing and general grading criteria or examination requirements <hr style="border-top: 1px dashed black;"/> A. Method of passing <ul style="list-style-type: none"> • oral practical examination • written theoretical examination • passing with a grade* * mark where applicable																						

presentation prepared by the students and presented in front of the whole group in order to consolidate their knowledge

B. Forms of passing:

- **written examination: test** / with open questions (exercises)/longer written statement
 - oral examination
 - oral test/colloquium
 - **passing practical classes**
 - **completion of a semester assignment: preparation of a design or presentation**/conducting research and presenting its results(written/oral)/completion of a specified practical work
 - agreeing on a passing grade based on partial grades received during the course of the semester*
- * mark where applicable

C. Basic grading criteria

The student should acquire knowledge regarding: recognition of sudden life-threatening condition, standards of rescue worker behavior during standard resuscitative procedures – BLS in accordance with the recommendations of the Polish Resuscitation Council from 2015, the use of automated external defibrillator – AED, principles of evaluating basic life functions, care and nursing of an unconscious patient, rules of transporting the injured

The student should be able to: recognize direct life-threatening conditions (stoppage of circulation, respiratory failure, states of unconsciousness), properly execute cardiopulmonary resuscitation in conditions outside the hospital, provide preclinical first aid in certain life-threatening conditions (poisoning, burns, heat stroke, frostbite, insect bites, electrocution, bleeding, and hemorrhages), treat a wound, fracture, use the automated external defibrillator (AED) in practice, perform basic nursing tasks for patients, dress a wound

Definition of preparatory subjects and initial requirements

No requirements

Subject aim

- C1-familiarizing the students with cardiopulmonary resuscitation guidelines
- C2 -teaching the student the correct way to carry out cardiopulmonary resuscitation
- C3- teaching the student to recognize sudden life-threatening conditions
- C4- teaching the student to recognize and treat peritraumatic and traumatic threats

Curriculum

- Legal aspects of first aid
- Sudden stoppage of circulation
- Recognizing health-threatening and life-threatening conditions. Evaluation of basic life functions during life-threatening conditions
- Basic resuscitative procedures for adults
- Basic resuscitative procedures for children
- Basic resuscitative procedures for infants and newborns
- Electrotherapy in sudden circulation stoppage
- Undertaking qualified emergency actions in special types of environmental threats
- Stopping hemorrhages
- Superficial wounds and how to treat them
- Treating burns
- Treating damages to motor organs

Literature					
A. Literature required to receive a final credit for classes (pass an exam):					
A.1. Wytyczne resuscytacji 2015 Europejskiej Rady Resuscytacji					
A.2. Medycyna ratunkowa (NMS) Scott H. Planz, E. John Wipfler, red. wyd. pol. Juliusz Jakubaszko					
B. Supplementary literature					
B.1. ABC resuscytacji Michael C. Colquhoun, Anthony J. Handley, T.R. Evans, red. wyd. pol. Juliusz Jakubaszko					
B.2. Nagle zagrożenia zdrowotne u dzieci Herwig Stopfkuchen, red. wyd. pol. Juliusz Jakubaszko					
B.3. Scenariusze symulacyjne. Medycyna ratunkowa T.L. Thoureen, S.B.Scott					
B.4. Pielęgniarstwo ratunkowe Maria Kózka, Barbara Rumian, Marek Maślanka					
Educational effects:					
Effect no	Description of an educational effect	Reference to field of study related effects	Reference to areas of effects (does not apply to the medical field of study)		
Knowledge:					
W1	Knows the principles of cardiopulmonary resuscitation in outside the hospital conditions (BLS) both for children and adults in accordance with the rules of the European Resuscitation Council from 2015	F.W7			
Abilities:					
U1	Follows the rules of asepticism and antisepticism	F.U3			
U2	Can treat a simple wound, put on and take off a sterile bandage	F.U4			
U3	Is able to insert a peripheral venous catheter	F.U5			
U4	Can temporarily immobilize the limb, select type of limb immobilization to use in typical clinical situations as well as control the vascularization of the limb after applying the immobilizing dressing	F.U8			
U5	Treats external bleeding	F.U9			
U6	Perform basic resuscitative procedures with the use of an automated external defibrillator and other rescue activities as well as provide first aid	F.U10			
U7	Act in accordance with the algorithm of advanced life support	F.U11			
Social competencies:					
K1	Can establish and maintain a deep, full of respect contact with the patient	K1			
K2	Cares for the well-being of the patient putting it above everything else	K2			
K3	Protects patient confidentiality and patient rights	K3			
K4	Is aware of his own limitations and the need for continuous learning	K4			
Methods used in the verification of educational effects					
Educational effect	Type of grade				
	colloquiums	Solving problems during exercise classes	Solving problems in groups	Oral examination	Written examination
W1	X	X	X		
U1	X	X	X		

U2	X	X	X		
U3	X	X	X		
U4	X	X	X		
U5	X	X	X		
U6	X	X	X		
U7	X	X	X		
K1	X	X	X		
K2	X	X	X		
K3	X	X	X		
K4	X	X	X		

Criteria of evaluating educational effects			
Educational effect	For a grade of 3	For a grade of 4	For a grade of 5
W1	Amount of points obtained on the test between 60%-75%	Amount of points obtained on the test between 76% - 85%	Amount of points obtained on the test between 86%-100%
U1	Average familiarity with the rules of asepticism and antisepticism	Good familiarity with the rules of asepticism and antisepticism	Excellent familiarity with the rules of asepticism and antisepticism
U2	Average familiarity with treating simple wounds, putting on and changing a sterile bandage	Good familiarity with treating simple wounds, putting on and changing a sterile bandage	Excellent familiarity with treating simple wounds, putting on and changing a sterile bandage
U3	Average familiarity with inserting peripheral venous catheters	Good familiarity with inserting peripheral venous catheters	Excellent familiarity with inserting peripheral venous catheters
U4	Average familiarity with immobilizing the limb, selecting type of limb immobilization to use in typical clinical situations as well as controlling the vascularization of the limb after applying the immobilizing dressing	Good familiarity with immobilizing the limb, selecting type of limb immobilization to use in typical clinical situations as well as controlling the vascularization of the limb after applying the immobilizing dressing	Excellent familiarity with immobilizing the limb, selecting type of limb immobilization to use in typical clinical situations as well as controlling the vascularization of the limb after applying the immobilizing dressing
U5	Average familiarity with treating external bleeding	Good familiarity with treating external bleeding	Excellent familiarity with treating external bleeding
U6	Average familiarity with principles of providing first aid	Good familiarity with principles of providing first aid	Excellent familiarity with principles of providing first aid
U7	Average familiarity with advanced resuscitative procedures	Good familiarity with advanced resuscitative procedures	Excellent familiarity with advanced resuscitative procedures
K1	Student exhibits knowledge implemented by behavior on an average level	Student exhibits knowledge implemented by behavior on a good level	Student exhibits knowledge implemented by behavior on an excellent level
K2	Student exhibits knowledge on an average level	Student exhibits knowledge implemented by behavior on	Student exhibits knowledge

		a good level	implemented by behavior on an excellent level
K3	Student exhibits knowledge on an average level	Student exhibits knowledge implemented by behavior on a good level	Student exhibits knowledge implemented by behavior on an excellent level
K4	Student exhibits knowledge on an average level	Student exhibits knowledge implemented by behavior on a good level	Student exhibits knowledge implemented by behavior on an excellent level