Appendix No. 1.5 to the Resolution No. 7/2023

of the Rector of the University of Rzeszów

**SYLLABUS**

**regarding the qualification cycle FROM 2024TO 2025**

**Academic year 2024/2025**

1. Basic Course/Module Information

|  |  |
| --- | --- |
| Course/Module title | Intensive Care and Intensive Care Nursing |
| Course/Module code \* | *-* |
| Faculty (name of the unit offering the field of study) | Medical College of Rzeszow University |
| Name of the unit running the course | Institute of Health Sciences |
| Field of study | nursing |
| Qualification level | I level |
| Profile | practical |
| Study mode | stationary |
| Year and semester of studies | *2024/2025* |
| Course type | optional |
| Language of instruction | english |
| Coordinator | Anna Wójcik Mrs |
| Course instructor | Anna Wójcik Mrs |

\* - as agreed at the faculty

1.1.Learning format – number of hours and ECTS credits

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Semester  (n0.) | Lectures | Classes | Laboratories\* | Seminars | Practical classes | Internships | others | **ECTS credits** |
|  | 15 |  | 15 |  |  |  |  | 6 |

\* Simulation Center

1.2. Course delivery methods

- conducted in a traditional way

- involving distance education methods and techniques

1.3. Course/Module assessment (exam, pass with a grade, pass without a grade)

2. Prerequisites

|  |
| --- |
| Basic knowledge of: anatomy, physiology, pathophysiology, pharmacology  - basics of nursing, elements of physical examination, internal medicine nursing,  surgical nursing, paediatric nursing, anaesthesiology and life-threatening emergencies  - knowledge of cardiopulmonary resuscitation, current guidelines for life-threatening emergencies  knowledge of cardiopulmonary resuscitation, current guidelines for the management of life-threatening emergencies |

3. Objectives, Learning Outcomes, Course Content, and Instructional Methods

3.1. Course/Module objectives

|  |  |
| --- | --- |
| O1 | *Prepare the student to interpret and understand the knowledge concerning the specificity of the organisational and legal specifics, as well as the standardisation of care provided in the intensive care unit intensive care unit, taking into account the patient's condition.* |
| O2 | Performing monitoring tasks on patients in life-threatening conditions,  recognising emergencies and sudden cardiac arrest. To acquire the knowledge  and skills necessary to undertake advanced  resuscitation procedures. To know the nature and principles of nursing patients in a  life-threatening conditions in the intensive care unit. |
| O3 | To develop the student's attitudes to: actively pursue knowledge of  intensive care nursing and to apply the acquired knowledge in  professional practice. |

3.2. Course/Module Learning Outcomes (to be completed by the coordinator)

|  |  |  |
| --- | --- | --- |
| Learning Outcome | The description of the learning outcome  defined for the course/module | Relation to the degree programme outcomes |
| LO\_01 | specifics of the organisation of the nurse's work in the intensive care unit intensive care unit |  |
| LO\_02 | principles of advanced life  resuscitation in life-threatening conditions |  |
| The student can: | | |
| LO\_03 | identify and analyse the symptoms of life-threatening conditions  life-threatening conditions |  |
| LO\_04 | select and apply appropriate resuscitation procedures  appropriate to the life-threatening condition |  |
| LO\_05 | plan the overall care of the critically ill patient  critically ill patient (respiratory and circulatory failure, coma) |  |
| The student is ready to: | | |
| LO\_06 | deal with complex ethical issues relating to  the performance of the nursing profession and identify  prioritise specific tasks |  |
| LO\_07 | take responsibility for the health services provided  health services |  |

**3.3. Course content (to be completed by the coordinator)**

1. Lectures

|  |
| --- |
| Content outline |
| Legal and organisational issues conditioning the work of ICU nurses |
| Advanced resuscitation procedures - management algorithm |

1. Classes, laboratories, seminars, practical classes

|  |
| --- |
| Content outline |
| Advanced resuscitation procedures - ventilation, endotracheal intubation, pharmacotherapy,  defibrillation |
| Advanced resuscitation procedures - management algorithm |

3.4. Methods of Instruction

e.g.

*Lecture: a problem-solving lecture/a lecture supported by a multimedia presentation/ distance learning*

*Classes: text analysis and discussion/project work (research project, implementation project, practical project)/ group work (problem solving, case study, discussion)/didactic games/ distance learning*

*Laboratory classes: designing and conducting experiments*

4. Assessment techniques and criteria

4.1 Methods of evaluating learning outcomes

|  |  |  |
| --- | --- | --- |
| Learning outcome | Methods of assessment of learning outcomes (e.g. test, oral exam, written exam, project, report, observation during classes) | Learning format (lectures, classes,…) |
| LO-01 | exam | Lectures |
| LO-o2 | exam | Lectures |
| LO-03 | observation during classes | Laboratories |
| LO-04 | observation during classes | Laboratories |
| LO-05 | observation during classes | Laboratories |
| LO-06 | oral exam, observation during classes | Laboratories |
| LO-07 | oral exam, observation during classes | Laboratories |

4.2 Course assessment criteria

|  |
| --- |
| Active participation in lectures and simulation exercises. Passing on the basis of a thematic test (obtaining at least 60% correct answers. Test of 10 single-choice questions.   5.0 - the student demonstrates knowledge of the learning content at the level of 100%   4.5 - the student shows knowledge of the learning content at the level of 90-99%   4.0 - the student shows knowledge of the learning content at the level of 80-89%   3.5 - the student shows knowledge of the learning content at the level of 70-79%   3.0 - the student shows knowledge of the content of education at the level of 60% -69%   2.0 - the student shows knowledge of the content of education at a level below 60% |

5. Total student workload needed to achieve the intended learning outcomes

– number of hours and ECTS credits

|  |  |
| --- | --- |
| Activity | Number of hours |
| Course hours | 30 |
| Other contact hours involving the teacher (consultation hours, examinations) | 1 |
| Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.) | 2 |
| Total number of hours | 33 |
| Total number of ECTS credits | 6 |

\* One ECTS point corresponds to 25-30 hours of total student workload

6. Internships related to the course/module

|  |  |
| --- | --- |
| Number of hours |  |
| Internship regulations and procedures |  |

7. Instructional materials

|  |
| --- |
| Compulsory literature:  1.Guidelines 2021 of the Polish Resuscitation Council. PANDIT Publishing House, Krakow 021  2. Campbell J.: ITLS. Pre-hospital rescue in trauma. MP Publishing, Kraków 2022  3. Rybicki Z: Intensive care of adults. Makmed Publishing House, Gdańsk 2022 |
| Complementary literature:  1. Larsen R.: Anesthesiology. Wydawnictwo Urban & Partner, Wrocław 2013.  2. Dyk D., Gutysz - Wojnicka A.: Anesthesiology and intensive care nursing.  care. Wydawnictwo Lekarskie PZWL, Warsaw, 2018. |

Approved by the Head of the Department or an authorised person