**SYLLABUS**

1. **Programme Details**

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| **1.1.** | **GRIGORE T. POPA UNIVERSITY OF MEDICINE AND PHARMACY IASI** | | | | | | | |
| **1.2.** | **FACULTY : MEDICINE / DEPARTMENT: MEDICALE II** | | | | | | | |
| **1.3.** | **DISCIPLINE: ABILITIES IN MEDICAL MANEUVRES AND FIRST AID** | | | | | | | |
| **1.4.** | **FIELD of STUDY: HEALTH** | | | | | | | |
| **1.5.** | **STUDY CYCLE: LICENCE** | | | | | | | |
| **1.6.** | **PROGRAMME of STUDY: MEDECINE- English** | | | | | | | |
| 1. **Discipline Details** | | | | | | | | |
| **2.1.** | **Name of the Discipline: ABILITIES IN MEDICAL MANEUVRES** | | | | | | | |
| **2.2.** | **Teaching staff in charge with lectures: Assoc. Prof. Petris Ovidiu -Rusalim** | | | | | | | |
| **2.3.** | **Teaching staff in charge with seminar activities: Assoc. Prof. Petris Ovidiu -Rusalim** | | | | | | | |
| **2.4. Year** | | **I** | **2.5. Semester** | **I** | **2.6. Type of evaluation** | **C1** | **2.7. Discipline regimen** | **mandatory** |

1. **Overall Time Estimates (hours/semester of didactic activity)**

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| --- | --- | --- | --- | --- | --- | --- |
| * 1. **Number of hours per week** | **6** | **Of which: 3.2. lectures** | | **3** | * 1. **seminar/ laboratory** | **3** |
| * 1. **Total hours in the curriculum** | **27** | **Of which: 3.5. lectures** | | **6** | **3.6. seminar/ laboratory** | **21** |
| **Distribution of time** |  |  | |  |  | **Hours** |
| **Study time using coursebook materials, bibliography and notes** | | | | | | **5** |
| **Further study time in the libray, online and in the field** | | | | | | **5** |
| **Preparation time for seminars / laboratories, homework, reports, portfolios and essays** | | | | | | **10** |
| **Tutoring** | | | | | | **2** |
| **Examinations** | | | | | | **3** |
| **Other activities** | | | | | | **-** |
| **3.7. Total hours of individual study** | | |  | | | **23** |
| **3.8. Total hours / semester** | | |  | | | **50** |
| **3.9. Number of credits** | | |  | | | **2** |

1. **Prerequisites (where applicable)**

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| --- | --- |
| **4.1. curriculum** | it's not necessary |
| **4.2. competences** | it's not necessary |

1. **Conditions (where applicable)**

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| **5.1. for lecture delivery** | it's not necessary |
| **5.2. for seminar / laboratory delivery** | it's not necessary |

1. **Specific Competences Acquired**

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| --- | --- |
| **Professional Competences (knowledge and skills)** | * Medical Hand Washing with Soap and Water * Noninvasive Measurement of Arterial Blood Pressure * Venous Blood Specimen Collection * Electrocardiographic Recording * Capillary Glycemia Measurement * Intramuscular Injection – Ventrogluteal Site * Subcutaneous Injection * Assisting the Patient to sit on the side of the bed and to ambulate * The Patient's Medical Positioning in Bed * Oxygen Therapy – Nasal Cannula * Recovery Position * Chest Compression – only Basic Life Support * Heimlich Maneuver |
| **Transversal Competences (roles, personal and professional development)** | • to systematically reflect on their own learning and personal development  • to communicate and collaborate with colleagues and patients  • to take responsibility for learning  • capitalize on its own expertise and learning resources accessible  • to use learning methods, including media awareness and technological advances, including the ability to critically evaluate |

1. **Obiectives of the Discipline (related to the acquired competences)**

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| **7.1. General Obiective** | Education at university level with the potential to:  • provide students information on the principles governing health care  • prepare students - to instruct, to train them and certify their acquisition of basic skills necessary to enable medical. |
| **7.2. Specific Obiectives** | Training and examination of students by performing these maneuvers effectively by basic medical assistance according to procedures validated by scientific evidence, so that the results are reproducible so predictable.  Through these, the effective integration in curricula of medical students year I practice summer, through the acquisition by them of minimum skills required in medical interaction with patients. |

1. **Contents**

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| **8.1. Lecture** | | **Teaching methods** | | **Comments** |
| Fundamental concepts of medical care medical equipment - utility criteria (choice of gown, stethoscope, tensiometer, manicure, wear ornaments in medical work, etc.). Medical communication. | | Power point presentation associating screenings | | 3 hours |
| Presentation maneuvers and explain basic healthcare associated evidence existing recommendations in their associated protocols | | Power point presentation associating screenings | | 3 hours |
| **Bibliography**   1. Berman Audrey, Synder Shirlee, Jackson Chistina – Skills in clinical nursing, 6-th ed., Pearson Prentice Hall, New Jersey, 2009 2. Real Nursing Skills 2.0: Skills for the RN, 2nd Edition Ed. Prentice Hall 2010 3. Jerry P. Nolan, Jasmeet Soar, Leo L. Bossaert, David A. Zideman, Dominique Biarent, Charles Deakin, Rudolph W. Koster, Jonathan Wyllie, Bernd Böttiger on behalf of the ERC Guidelines Writing Group European Resuscitation Council Guidelines for Resuscitation 2010 Resuscitation 81 (2010) 1219–1276 4. Ghid de studiu - protocoale, evaluări – Abilități Clinice Fundamentale - Ed. a 2-a, rev. și adăug.– Ovidiu Rusalim Petriș, *Ed. Gr. T. Popa*, 2014; (ISBN 978-606-544-276-4) | | | | |
| **8.2. Seminar / Laboratory** | **Teaching methods** | | **Comments** | |
| Medical Hand Washing with Soap and Water | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| Noninvasive Measurement of Arterial Blood Pressure | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| Venous Blood Specimen Collection. Capillary Glycemia Measurement | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| Electrocardiographic Recording. Administration of Inhaled Medication, | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| Intramuscular Injection – Ventrogluteal Site Subcutaneous Injection | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| Assisting the Patient to sit on the side of the bed and to ambulate. The Patient's Medical Positioning in Bed. Recovery Position | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| Chest Compression – only Basic Life Support Heimlich Maneuver Oxygen Therapy – Nasal Cannula | direct activities, interactive carried the appropriate station within the simulation center | | 3 hours | |
| **Bibliography**  Ghid de studiu - protocoale, evaluări – Abilități Clinice Fundamentale - Ed. a 2-a, rev. și adăug.– Ovidiu Rusalim Petriș, *Ed. Gr. T. Popa*, 2014; (ISBN 978-606-544-276-4) | | | | |

1. **Correlations between the contents of the discipline and the expectations of the epistemic community, of profesional associations and of employers in the field**

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| The knowledge and the skills are established as didactic objectives and specified as such in the curricula that are revised annually. After the analysis performed at the discipline level, these are discussed and approved by the Curricular Bureau, in order to harmonize them with other disciplines. During all this process, an evaluation is performed concerning the correspondence between the contents and the expectations of the academical community, community representatives, professional associations and employers. As a primary objective, the discipline aims to offer the students optimal prerequisites for the following years of the Medicine bachelor study cycle, in order to be able to involve successfully in internship programs in Romania and in other countries from the European Union, immediately after graduation. |

1. **Evaluation**

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| **Type of activity** | **10.1. Evaluation criteria:** | **10.2. Methods of evaluation** | **10.3. Percentage of final grade** |
| **10.4. Lecture** | Exam | Scale test questions simple and multiple complement | 50% |
| **10.5. Seminar / Laboratory** | Exam | Plus descriptive written test evaluating involvement in the activities of the center simulation stations | 10% |
| Exam | Making practice two protocols drawn at random by the student, of the total 16  Score attained according to the grid protocol then translated into a percentage of the maximum score. The scoring system is associated with different intervals final percentage results | 40% |
| **Minimum standard of performance:**   * Making full sequencing protocols identified as essential in fundamental medical maneuvers * Average grade arithmetic top 5 final practical exam of medical basic maneuvers * Weighted average Note the practical exam with the upper scale examination Note 5 | | | |

**Date: 01.10.2019 Signiture of Didactic Co-ordinator**

**Assoc. Prof. Ileana Antohe**

**Signiture of Department Director Prof. Ioana Alexa**