**COURSE PROGRAM**

**Surgical Nursing in Professional Masters**

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| Subject holder:  Subject teacher: | | Glodiana SINANAJ PhD. In Nursing Sciences | | | | | | |
| Load: | ECTS | Lessons in the auditorium | | | | | Individual study | Total |
| Lecture | Seminar | Lab | Practice | Clinical project |
| 12 | 45 |  |  | 0 | 0 | 165 | 210 |
| **Subject typology** | | Discipline of the characteristic formation of the program | | | | | | |
| **Academic year/Semester when the course takes place** | | Year I, Semester II | | | | | | |
| **Subject type** | | Obligatory | | | | | | |
| **Study program** | | Professional Master in Surgical Nursing | | | | | | |
| **Subject code** | | INF 467 | | | | | | |
| **E-mail address of the subject holder / lecturer** | | [glodiana.sinanaj@univlora.edu.al](mailto:glodiana.sinanaj@univlora.edu.al) | | | | | | |

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| **SUMMARY AND LEARNING OUTCOMES** | |
| **Description of the subject** | In this course, students will receive professional knowledge on the nursing process applied to various surgical diseases, anesthesia-reanimation, traumatology and orthopedics, including pre-, intra- and postoperative care, and will be trained in advanced nursing techniques. |
| **Course objectives** | * Integration in new and advanced nursing practices * The acquisition of concepts for the stages of human development, pathophysiology, medical management and nursing in plans of nursing assistance that center on patient care, enable students with general nursing education to master their professional capacity as nurses surgeons. * Acquaintance with new nursing procedures and techniques and their integration into work practice in surgery, traumatology, orthopedics, resuscitation and emergency services. * Increasing knowledge in nursing care in intensive care * Familiarity with general basic concepts on the surgical nursing process * Acquaintance with new nursing procedures and techniques and their integration into work practice in the surgery service and not only. |
| **Expected results** | At the end of the course students will be able to:   * To design and implement personalized plans of nursing assistance in the main surgical pathologies. * Know and apply the most advanced nursing techniques of the time. * To have knowledge of modern nursing management strategies of adult patients with surgical pathology. * Form the habit of independently judging the existing models and suggest recommendations for intervention in the system. |

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| **BASIC CONCEPTS**  1. Triage and nursing care in all trauma cases.  2. Changes in acid-base and hydro-electrolytic balances.  3. Nursing care in all cases of fractures.  4. Advanced assistance in case of cardio-respiratory arrest |

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| **Week** | **COURSE TOPICS** | **Reference literature** | **Form of teaching** |
|  | **Topic I-** Duties of the nurse in the service of intensive therapy, traumatology and orthopedics, examination of the patient./*Nursing care, measurement of vital parameters, types of examinations in these services.*  **Topic II-**Initial assessment and triage./*Primary assessment is of particular importance, it is the basis of nursing care. The student will be familiar with all the steps of the A.B.C.D.E assessment as well as the assessment with codes in every case that is presented.*  **Topic III -** The tasks of the nurse in the organization of work in surgery in the primary service and secondary service. / *The student will be recognized and will evaluate the patient in the surgery service. You will be familiar with the steps of care in the primary and secondary service.* | *1) pg.11-14 2)pg.15- 25*  *3)pg.26-27* | 3 hour lecture |
|  | **Topic I -** Disinfection and sterilization of the environment. Nursing care in patient preparation for surgical intervention and preparation of the operating field. / *Preventive measures for the development of infections are fundamental for the patient's well-being. The measures to be taken before surgical interventions, starting from trichotomy to therapeutic exercises.*  **Topic II-** Nursing care before anesthesia. Preparing the patient for surgery. / *The emotional and not only preparation of the patient for a surgical intervention.*  **Topic III-**Types of anesthesia and nursing care./*Types of anesthesia, which are three and care for opening a venous path and for the application of anesthetic.* | *1) pg.28- 34,  2) pg.32-34 3) pg.35-40*  . | 3 hour lecture |
|  | **Topic I-** Nursing care in the intraoperative period.  **Topic II-** Nursing care in the post-operative period.  **Topic III**- Duties of the nurse during oxygen therapy./*Nursing care is essential in every period of surgical intervention. In these three topics, the student will get to know all the care steps before, in the operating room and after leaving the recovery room.* | *1) pg.40- 44*  *2) pg.45-65 3) pg.49-50* | 3 hour lecture |
|  | **Topic I-** Nursing care in acid-base balance disorders and hydro-electrolytic disorders./*The human body consists mostly of water. The student will be familiar with all nursing care for maintaining hydro-electric and acid-base balances.*  **Topic II-** Nursing care in burns and electrical injuries. /*Precautions to be taken in cases of various burns. Burn surface assessment and nursing care.*  **Tema III**- Duties of the nurse for asepsis and antisepsis. / *Maintaining a germ-free environment is the duty of every health personnel.* | *2) pg.65- 79*  *2) pg.94-107, 1) pg.139-151 1) pg.13-28* | 3 hour lecture |
|  | **Topic I-** Cardio-respiratory arrest, nursing care in cardio-pulmonary resuscitation./*Evaluation of cases with cardiac arrest and CPR of resuscitation.*  **Topic II-** Nursing care in acute poisonings, stings and bites./  *Familiarity with different poisonings and nursing care.*  ***Topic III-*** Nursing care in stomach and intestine diseases. */Treatment of stomach diseases, causes and types of the disease.* | *2) pg85- 94*  *1) pg.168-176 1) pg.158-167* | 3 hour lecture |
|  | **Topic I-** Nursing process in polytrauma./*Nursing care in a patient with different types of trauma.*  **Topic II-** Nursing care in cranio-cerebral traumas./*Primary and secondary care in cranio-cerebral traumas.*  **Topic III-** Nursing care in clinical death/ *Evaluation in cases of clinical death and the return of the patient to life.* | *2) pg.163- 180*  *2) pg.118-123 1) pg.92-107* | 3 hour lecture |
|  | **Topic I-** Nursing care in cellulitis, furunculitis, carbuncle, phlegmon, surgical sepsis, in panariciums, mastitis, osteomyelitis./*Nursing care in various infections.*  **Topic II-** Nursing care in alternating mental states and comas./*Comas and their assessment. Complications they give.*  **Topic III-** Nursing care in eye, ear and upper respiratory tract trauma./ *Nursing and advanced care in trauma in the ophthalmology and Orl ward.* | *1) pg.108- 121*  *2) pg.113-117 2) pg.124-128* | 3 hour lecture |
|  | **Topic I-** Nursing care in thoracic trauma./*Assessment of chest trauma.*  **Topic II -** Nursing care in abdominal and urogenital traumas. /*Evaluation of traumas to the abdomen and urogenital cyst.*  **Topic III-**Nursing care in the treatment of wounds./*Types of wounds and nursing care for them.* | *2) pg.171- 172*  *2) pg.172-174 1) pg.63-84* | 3 hour lecture |
|  | **Topic I-** Nursing care in cervical spine fractures./*Evaluation of spine trauma and the steps taken.*  **Topic II-** Nursing care in thoraco-lumbar spine fractures. /*Assessment of column traumas and the steps taken.*  **Topic III-** Nursing care in shock states./ *Types of shock and nursing care for each of them.* | *2) pg.108- 109*  *2) pg.110-111 2) pg.112-113* | 3 hour lecture |
|  | **Topic I-**Nursing care in post-traumatic hemorrhages./Types of hemorrhages and the importance of nursing care in external and internal hemorrhages. *Recognition and signs that evaluate a possible hemorrhage.*  **Topic II-**Nursing care in anaphylactic shock conditions./*Anaphylactic shock and steps to correct the patient's condition.*  **Topic III-**Prevention of decubitus bedsores, contractures and thromboembolisms./*Decubitus bedsores and their complications.* | *2) pg.80- 81*  *1) pg.82-83 1) pg.85-88* | 3 hour lecture |
|  | **Topic I-** Nursing care in blood transfusions. /*Evaluation in blood transfusions, compatibility and various reactions that may occur during a hemotransfusion.*  **Topic II-** Nursing care in traumas of the musculoskeletal system/ *Familiarity with muscular and skeletal traumas and the nursing assessment of these cases.*  **Theme III-** Fractures and their types./ *The student will be familiar with the classification and types of fractures.* | *2) pg.82- 85*  *2) pg.180-186 2) pg.187-191* | 3 hour lecture |
|  | **Topic I-** Nursing care in clavicle fractures.  **Topic II-**Nursing care in scapulo-humeral luxation.  **Topic III-** Nursing care in elbow and forearm fractures. / *Precautions in different fractures and nursing care for each type of fracture.* | *2) pg.191- 194*  *2) pg.195-199 1) pg.108-110* | 3 hour lecture |
|  | **Topic I-** Nursing care in coxo-femoral fractures or luxations. / *Precautionary measures in fractures.*  **Topic II-** Nursing care in femur fractures./*Precautions in fractures.*  **Topic III-**Head trauma and nursing care./*Evaluation of head trauma and treatment.* | *1) pg.196- 199*  *2) pg.207-208 2) pg.164-165* | 3 hour lecture |
|  | **Topic I-** Nursing care in knee and cartilage fractures./*Precautions in fractures.*  **Topic II-** Nursing care in the rehabilitation of the traumatic patient./*During a post-trauma, the rehabilitation of the patient is also important.*  **Topic III-**Pneumothorax and nursing care./*The student will get to know the types of chest trauma and nursing care.* | *2) pg.207- 208*  *2) pg.124-126 1) pg.131-133* | 3 hour lecture |
|  | **Topic I-** Nursing care in kyphosis and scoliosis. */ Deformations of the spine and the steps taken to correct them.*  **Topic II-** Nursing care in cardio-vascular traumas./*Evaluation of vital parameters in cardio-cerebral traumas.*  **Topic III-**Nursing care in AVC\*vasculo-cerebral trauma\*/ *Evaluation of patients with vasculo-cerebral accidents, causes and treatment of these cases.* | *2) pg.209- 211*  *2) pg.149-152 1) pg.135-137* | 3 hour lecture |

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| **FORM OF KNOWLEDGE CONTROL** | | | | | | | | | | | |
| **ATTENDANCE:** | | Active participation in class is required. Lecture hours are compulsory at the rate of 75%. Laboratory hours are 100% mandatory, in case of excused absences, the hour will be replaced in agreement with the lecturer. All students must report to laboratory hours at the designated time and be equipped with a white apron and hair tied up (respecting the ethical dress code of the nurse).  Absences up to 25% of hours are allowed to be made up, if they are justified. Otherwise, the student loses the right to enter the exam. Absences are the student's personal responsibility, as are missed assignments or tests. | | | | | | | | | |
| **Method of assessment** | *Assessment form* | *Evaluation time* | | *Learning topics to be evaluated* | | *Maximum points* | | *Knowledge test form* | | *Test content* | |
| Final exam | End of semester | | 1 – 45 lectures | | 90 points | | Written exam | | elaborative questions and quiz questions | |
| Continuous evaluation\* | Week 14/15 | | Coursework | | 10 points | | Oral presentation | | Nursing practice performance assessment / coursework presentation | |
| *\*Continuous assessment - It will be carried out by the internship teacher for the entire semester. Students will be evaluated for performance in practice. Added to this performance is the presentation of the course assignment, which can also be in the form of a project.* | | | | | | | | | | |
| The conversion of points to the final grade will be as follows: | | | | | | | | | | |
| 40- 49 points | | 50-59 points | | 60-69 points | | 70-79 points | | 80-89 points | | 90-100 points |
| 5 | | 6 | | 7 | | 8 | | 9 | | 10 |

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| **LITERATURE** | |
| 1. **Compulsory basic literature** | %D.!"#$;E-F4<  o (0'(;!"#6-"$-6#<C>?G-:C%'':HI;>%)%+!-+!9<(  ?)%  o (;!"#6-"$-!"<C>?G-:C%'':HI;6!+<(0'(?)%  o (0'(;!"#6-"$-6#<C>?G-:C%'':HI;>%)%#88!$-#88!<(  ?)%\*9+8-#-#8$-!+"-  o 43:.J;!"#!-#!-!!<6"#'30(%C>?G-:!"#6;>%)%#98"<?)%  o (;!"#!-"$-#"<0:C%%%;>%)%#!-#$#<(?)%\*9+8-#-"9+8-  9""-8  o 2%.3KJ%;!""8-"#-#<-23)5;23)5<;(!+"<  IH-E?)%0%%%(('('%%')'\*"-"+-#9$"-!-#6\*9+8-"-  "+-#9$"-!  B.C %D.!"#$;E-F4<  o (0'(;!"#6-"$-6#<C>?G-:C%'':HI;>%)%+!-+!9<(  ?)%  o (;!"#6-"$-!"<C>?G-:C%'':HI;6!+<(0'(?)%  o (0'(;!"#6-"$-6#<C>?G-:C%'':HI;>%)%#88!$-#88!<(  ?)%\*9+8-#-#8$-!+"-  o 43:.J;!"#!-#!-!!<6"#'30(%C>?G-:!"#6;>%)%#98"<?)%  o (;!"#!-"$-#"<0:C%%%;>%)%#!-#$#<(?)%\*9+8-#-"9+8-  9""-8  o 2%.3KJ%;!""8-"#-#<-23)5;23)5<;(!+"<  IH-E?)%0%%%(('('%%')'\*"-"+-#9$"-!-#6\*9+8-"-  "+-#9$"-!  1. “Advanced Surgical Nursing”, Lecture Series – Denada Selfo, Glodiana Sinanaj, 2022 (FSHP – UV) ISBN 9-78928-3-28823 |
| 1. **Recommended reading** | o Surgery for Nursing Vol. I, Prof. Dr. Arben Gjata Kirurg, Lektor. QSUT, Tiranë 2015, <https://issuu.com/arbengjata/docs/kirurgjia_per_infermierine-2_arben_>  o Surgery for Nursing Vol. II, Prof.Dr. Arben GjataKirurg, Lektor. QSUT, Tiranë 2015, <https://issuu.com/arbengjata/docs/kirurgjia_per_infermierine__pjesa_2>  Kaplan (2013-05- 20). NCLEX-RN Content Review Guide (Page 327). Kaplan Nursing Test Prep. Kindle Edition.  o Kaplan Nursing Test Prep (2013-05- 31). NCLEX-RN Content Review Guide (Kindle Locations 18825-18826). Kaplan Publishing. Kindle Edition. ISBN: 978-1- 61865-270- 6  o Vickery RN, Jim (2012-12- 22). 301 Study Tips for NCLEX-RN 2013 (Kindle Location 1980). Kindle Edition.  o Kaplan (2012-05- 10). The RN Course Book (Kindle Locations 4142-4151). Kaplan. Kindle Edition. ISBN: 978-1- 60978-900-8  o Digiulio, Mary; James Keogh (2008-01- 14). Medical-Surgical Nursing Demystified (Demystified Nursing) (p. 270).Mc Graw-Hill. Kindle Edition. This eBook also appears in the print version of this title: 0-07- 149450-2. ISBN- 13: 978-0-07-149450- 2. |

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| **FINAL REMARKS FROM THE SUBJECT TEACHER** | |
| **Provisions:** | Students are expected to develop values and an ethic that reflects their professional interests and behavior. These expectations are related to the appearance in the University premises, the responsibility during the teaching process, but not only, in their honesty and in matters of social justice. Students must respect individual differences, be cooperative, evaluate the abilities and qualities of themselves and others, evaluate the different forms of expression of thought and the choices of each one. In accordance with ethical rules, students must respect ethnic differences and help people with disabilities with integrative and supportive attitudes. |
| **Delays** | Tardies to lectures, practices and seminars will not be tolerated. After the lecturer enters the auditorium, no student is allowed to enter. |
| **Professional behavior of the student** | Students are now considered adults and this requires from them a responsibility and self-awareness at a higher level regarding their behavior, the goals and interests for which they have chosen to attend the university. Bearing in mind that everywhere the university infrastructure and the ecology of the environment where knowledge is imparted is not perfect, we must establish some mandatory rules for everyone. This means, attention during the learning process, mobile phones switched off, no SMS, no use of other digital means for entertainment (MP3, etc.), no games, no toilet boxes on the teaching desks, appropriate clothing to respect lesson time, vocabulary (profanity is strictly prohibited) and acceptable communication inside and outside the classroom. For any deviation from these rules, there will be penalties, which are defined in the University Regulations. |
| **Academic integrity and copyright** | Any test or written work must be completely individual and original.  This means that students create original abstractions or analyzes on the basis of the concepts argued in the lecture and, if possible, always the source of the information received. Plagiarism (mixing), or theft of information in different ways will not be allowed. |

**APPROVED**

**Head of Nursing Department Dr. Majlinda Zahaj**