

Course Title	Emergency Nursing and First aid						
Course Code	NURS308						
Course Type	Compulsory						
Level	BSc (Level 1)						
Year / Semester	3 rd / Spring						
Instructor's Name	Dr Eleni Kletsiou, Dr Fotini Chari Papaioannou, Dr Andri Efstathiou						
ECTS	5	Lectures / week	2	Laboratories / week	2	Clinical practice / week	4
Course Purpose	The aim of the course is to provide theoretical knowledge and clinical skills that will allow accurate assessment and appropriate nursing intervention in patients with emergency and life-threatening disorders. Particular emphasis is placed on the decision-making and problem-solving skills required in an intense and difficult environment where each patient's clinical condition is different.						
Learning Outcomes	<p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> - Define the terms "Emergency Nursing" and "First Aid" - Describe the stages of emergency evaluation of ABCDE and the criteria of triage - Describe, evaluate, and apply techniques for airway management, immobilization, hemodynamic support, emergency transport, and bleeding management. - Describe and evaluate the symptoms of respiratory failure, shock, acute myocardial infarction, acute pulmonary edema, emergency arrhythmias, coma and poisoning. - Recognize and apply advanced wound care techniques in emergency situations, such as burns, hypothermia, and frostbite, inhalation of toxic substances, bites and stings. - Assess, organize, and implement appropriate care for emergencies and disorders, such as traumatic brain injuries, strokes, chest and abdominal trauma. - Organize and demonstrate Basic Life Support (BLS) in prehospital care. 						
Prerequisites	None			Co-requisites	None		
Course Content	<ul style="list-style-type: none"> - General Principles of Emergency Nursing and First Aid: Screening - First Aid - Delivery - Cardiopulmonary Resuscitation - Basic Life Support - Prehospital Care. 						

	<ul style="list-style-type: none"> - Shock - Acute myocardial infarction - Acute pulmonary edema - Stroke - Epilepsy. - Traumatic brain Injuries - Spine Injuries - Musculoskeletal Injuries - Fractures, Dislocation. - Acute abdomen - Gastrointestinal bleeding - Acute pancreatitis - Chest and abdominal trauma - Heat Stroke - Hypothermia - Burn - Freezing - Drowning - Bites - Stings - Poisoning - Electrolyte Disorders - Acid-Balance Disorders <p>In each case, the treatment is reported at the pre-hospital level (First Aid) and at the Department of Accidents and Emergencies (A&E).</p> <p>Laboratory: Nursing techniques and interventions according to the theoretical content of the course, such as: ABCDE Algorithm, BLS spine immobilization, emergency treatment of trauma, burn, pathological emergencies and accidents with first aid scenarios.</p> <p>Clinical Teaching: Students under the guidance of clinical instructors' practice in nursing procedures related to the course content and provide emergency nursing care <i>in Emergency Departments</i> according to the Clinical Education Guide.</p>
<p>Teaching Methodology</p>	<p>Theory</p> <p>The course is delivered to the students through lectures, using computer-based presentations programmes. Case Studies, Discussion, Questions / Answers are also used depending on the content of the lecture. Lecture notes and presentations are available online for use by students in combination with textbooks. Relevant material published in international scientific journals are also used to follow the latest developments related to the subject of the course.</p> <p>Laboratory</p> <p>During the laboratory courses, students develop their clinical skills in skill trainers and patient simulators so that they can successfully and safely apply them in a real clinical environment.</p> <p>Clinical Teaching</p> <p>In clinical teaching, the method of demonstration and guided and supervised by the clinical instructors is used to implement various nursing operations / procedures and application of personalized nursing care.</p>

<p>Bibliography</p>	<p>(a) Textbooks:</p> <p>Emergency Nurses Association. (2019). <i>Sheehy's Emergency Nursing: Principles and Practice</i>. Elsevier - Health Sciences Division.</p> <p>Marshall, A., Aitken, L., & Chaboyer, W. (2019). <i>Critical Care Nursing</i>. Elsevier - Health Sciences Division.</p> <p>Μαρβάκη, Χ., Κοτανίδου, Α., Παπαγεωργίου, Δ. & Καλογιάννης, Α. (2015). <i>Επείγουσα Νοσηλευτική</i>. Εκδόσεις Κωνσταντάρας (In Greek)</p> <p>(b) References:</p> <p>Schua, R. & Sefrin, P. (2021). <i>Εγχειρίδιο Επειγόντων Περιστατικών</i>, 8η έκδοση, Επιμέλεια Ιωάννης Κιουμής, Εκδόσεις Παρισιάνου. (In Greek)</p> <p>Urden, L., Stacy K. & Lough M. (2021). <i>Critical Care Nursing - Diagnosis and Management</i>, 9th Edition. Elsevier - Health Sciences Division.</p> <p>Curtis, K., Ramsden, C., Shaban, R., Fry, M. & Considine, J. (2019). <i>Emergency and Trauma Care for Nurses and Paramedics</i>, 3rd Edition. Elsevier - Health Sciences Division.</p> <p>Shah, K. H. & Mason D. (2015). <i>Essential Emergency Procedures</i>. LWW.</p> <p>Ρούσσοι, Χ. (2014). <i>Επείγουσα Ιατρική. Μεταφορά και Αντιμετώπιση Βαρέως Πάσχοντος και Τραυματία</i>. Π.Χ.Πασχαλίδης (In Greek)</p> <p>Baird, M., Keen, J. & Swearingen, P. (2011). <i>Επείγουσα νοσηλευτική – ΜΕΘ, Νοσηλευτικές παρεμβάσεις και συνεργατική αντιμετώπιση</i>, Επιμέλεια: Γ. Ι. Μπαλτόπουλος, Βήτα Ιατρικές Εκδόσεις. (In Greek)</p> <p><i>Through the services of the university library, access is provided to electronic repositories of scientific journals and articles, indicatively ProQuest, Cambridge University Press and Science Direct with thousands of scientific journals in the fields of health sciences.</i></p>
<p>Assessment</p>	<p>The assessment of this course consists of the coursework (midterm exam, laboratory assessment, clinical teaching assessment) and final exam.</p> <p>Mid-Term Exam: 30%. A written midterm exam will be comprised by multiple choice questions, short answer and open questions.</p> <p>Laboratory assessment: 10%. The laboratory assessment includes practical and oral examination of students in nursing techniques and procedures according to the course content. (Absences of up to 15% are replenished, and beyond this percentage the student fails the entire course. Students must succeed an assessment of at least 50%, otherwise the student fails the entire course.)</p> <p>Clinical Teaching assessment: 10%. It is applied by daily assessment of student performance when providing personalized nursing care to individuals, families and communities, in accordance with the course's</p>

	<p>clinical goals. (Absences of up to 15% are replenished, and beyond this percentage the student fails the entire course. Students must succeed an assessment of at least 50%, otherwise the student fails the entire course.)</p> <p>Written Final Exam: 50%. A written final exam will be comprised by multiple choice questions, short answer and open questions.</p>
Language	Greek / English