

Course unit title:	Intensive Care Nursing		
Course unit code:	NUR403		
Type of course unit:	Compulsory		
Level of course unit:	Bachelor		
Year of study:	4		
Semester when the unit is delivered:	7 (Fall)		
Number of ECTS credits allocated :	5		
Name of lecturer(s):	Dr. Evanthia Asimakopoulou		
Learning outcomes of the course unit:	<ul style="list-style-type: none"> • Implement practical knowledge associated with providing specialized nursing care to people hospitalized in specialized units, Intensive Care Units (ICU). • Explain the therapeutic approaches and the implementation of assessment and planning skills, as well as the implementation of the appropriate nursing care for critically ill patients. • Organize and provide care to patients with mechanical life support, during intubation, taking blood gases, endotracheal suctioning, and catheter Billow. • Assess needs and implement nursing care plans for continuous patient monitoring, taking vital signs, connecting patient with ECG, with devices CVP and, with catheter Swan-Ganz. • Inform, train and supervise patients and their families on using nursing skills, interventions / activities in order to enable them for the provision of optimal care to the patient at home. 		
Mode of delivery:	Face-to-face		
Prerequisites:	NUR310	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<ol style="list-style-type: none"> 1. Organization of intensive care unit. History and critical care nursing roles 2. Pathophysiology of critical ill patient 3. Nursing care of patient with mechanical respiratory support 4. Nursing care of patient with Respiratory disease in ICU 5. Nursing care of patient with Cardiovascular disease in ICU 6. Cardiopulmonary Resuscitation in ICU 7. Nursing care of patient with kidney disease 8. Nursing care of patient with Neurological and Neurosurgical disease in ICU 9. Monitoring – invasive hemodynamic monitoring- electrocardiography 10. Disorders of acid –based balance. Arterial blood gases 11. Infections and Sepsis in ICU – SIRS- MODS 12. Nursing care of patients with Endocrine and hematological disease 13. Burns & trauma. Shock. Nursing Intervention 14. Sedation and pain management in ICU. 15. Ethical issues. Family support. Communication with patients 		
Recommended and/or required reading:	None		
Textbooks:	<ol style="list-style-type: none"> 1. Α' Πανεπιστημιακής Πνευμονολογικής Κλινικής ΕΚΠΑ ΓΝΝΘΑ «Η Σωτηρία», Νοσηλευτικές διαδικασίες στη μονάδα εντατικής θεραπείας, Εκδότης: University Studio Press, Έτος έκδοσης: 2019 2. Linda Urden Kathleen Stacy Mary Lough Critical Care Nursing 8th Edition, 		

	Diagnosis and Management, Mosby Elsevier, 2017
References:	<ul style="list-style-type: none"> • M. Baird, J.Keen, P. Swearingen, , Emergency Nursing – ICU G. Baltopoulos (Greek Translation), Vita Medical Editions, 2011
Planned learning activities and teaching methods:	The course is delivered to the students by means of lectures, conducted with the help of computer presentations. Lecture notes and presentations are available through the web for students to use in combination with the textbooks. Lectures are supplemented with laboratory work. Clinical discussion will follow and analysis and special education students in the simulator models. In clinical teaching method used demonstration and guided under supervised by clinical nursing educators.
Assessment methods and criteria:	<ul style="list-style-type: none"> • Test 40% • Laboratory Work 10% • Final Exam 50%
Language of instruction:	Greek
Work placement(s):	Yes