Course Title	**Nursing Hygiene and Safety in Work**			
Course Code	**NURS413**			
Course Type	Elective			
Level	Bachelor (1st Cycle)			
Year / Semester	4th / Spring			
Instructor's Name	Dr Maria Tseroni, Dr Kyriakos Andreou			
ECTS	4	Lectures / week	3	Laboratories/week	-
Course Purpose	The aim of the course is to familiarize students with the concepts and the principles underlying the field of Nursing Hygiene and Safety at Work in order to be able to help people in maintaining and protecting their health by working in a safe work environment where hazards are properly controlled, including proper health and welfare facilities.			
Learning Outcomes	- Explain the international and national policies related to security and protection of everyone in the workplace - Explain the different roles, responsibilities and functions of the nurse in implementing rules of hygiene-safety - Assess risk and actively promote the prosperity, security and protection of everyone in the workplace - Describe the procedures for hygiene-safety in practice, infection control, first-aid and emergency - Describe the requirements needs to organize a First Aid Unit in the workplace			
Prerequisites	None	Co-requisites	None	
Course Content	- Introduction: Historical development and basic principles of Hygiene and Work Safety - Occupational Accident – Occupational Illness: Terminology, Assessment and Prevention of occupational hazard in relation to employees' health and safety. Related Legislation - Natural factors in the nursing workplace: Microclimate (Thermic environment, Ventilation), Light and Lighting, Noise, Vibration. Safety measures. Electromagnetic fields. Electricity. Radiation. Visual Display Equipment. Safety measures.			

	- Chemical factors in the nursing workplace: Minerals, Solvents and related diseases. Dust, Gases and related diseases. Acceptable thresholds. Safety measures.
	- Biological factors in the nursing workplace: Viruses. Fungi and related diseases. Microbes, Parasites and related diseases. Safety measures.
	- Principles of ergonomics in healthcare: Health complications for employees. Design and Planning of work places. Safety measures. Occupational musculoskeletal conditions and nurses.
	- Occupational burnout and nurses. Nursing shift rotation schedules. Personal safety measures for nurses. Signs Space Systems.
	- Organizing a First Aid Unit in the workplace
Teaching Methodology	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.
Bibliography	**(a) Textbooks:** Guzik, A. (2013). *Essentials for occupational health nursing*. Chichester: Wiley-Blackwell. Aw, T.C., Gardiner, K. & Harrington, J.M. (2011). *Εγχειρίδιο Επαγγελματική Υγεία*. Παρισιάνου **(In Greek)** **(b) References:** Λινού, Α. (2006). *Επαγγελματική Ιατρική*. ΒΗΤΑ ΙΑΤΡΙΚΕΣ ΕΚΔΟΣΕΙΣ **(In Greek)** Agius, R. & Seaton, A. (2013). *Πρακτική Ιατρική της Εργασίας* (2η Εκδ.). Εκδόσεις Παρισιάνου **(In Greek)** *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.*
Assessment	The assessment of this course consists of the coursework (midterm exam, class participation) and final exam. **Mid-Term Exam: 40%.** A written midterm exam will be comprised by multiple choice questions, short answer and open questions. **Student Participation: 10%.** The class participation includes formative

	assessments with interactive problem-solving questions. **Written Final Exam: 50%.** A written final exam will be comprised by multiple choice questions, short answer and open questions.
Language	Greek / English