



## BSc in Nursing

**INTEGRATED COURSE TITLE:** INFORMATICA / ATTIVITA' SEMINARIALE

**NUMBER OF ECTS CREDITS:** 1

**CODE:** MEDS-24/C

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### **PREREQUISITES**

The are no specific prerequisites.

### **LEARNING OBJECTIVES**

The aim of the seminar is to analyze workplace safety management, with particular reference to regulations, prevention techniques, and risk management, within the context of a healthcare setting. Additionally, the seminar aims to delve into communication techniques in the healthcare field.

### **LEARNING OUTCOMES**

#### **Knowledge and Understanding**

At the end of the seminar, the student will be able to:

- Understand the fundamental principles that guide effective communication among healthcare professionals, patients, and family members, including aspects such as empathy, clarity, and respect for privacy.
- Understand the importance of verbal and non-verbal communication in the healthcare field, recognizing the different ways in which non-verbal signals can be interpreted and learning techniques to improve communication.
- Understand the fundamental concepts related to prevention and workplace safety, including the concepts of hazard, risk, harm, prevention, and protection, as well as the responsibilities of various company stakeholders and supervisory regulations.
- Understand the different types of occupational hazards and work-related illnesses, as well as preventive measures and safety procedures related to each type of risk.
- Understand specific risks associated with the use of machinery and equipment, chemical risk, biological risk, physical risks, and ionizing radiation, as well as safety procedures and the use of associated personal protective equipment.
- Understand emergency procedures, including first aid, evacuation procedures, and interventions in case of fire, as well as being able to correctly apply them in emergency situations in the workplace.

### **Applying knowledge and understanding**

At the end of the seminar, the student will be able to:

- Apply the acquired knowledge on different types of workplace risks to identify and evaluate specific potential hazards in the work environment, considering the characteristics of the activity performed and the involved workers.
- Use the understanding of hazard, risk, harm, prevention, and protection concepts to develop risk prevention and mitigation plans, implementing appropriate preventive and protective measures to minimize identified hazards.
- Apply knowledge of regulations and laws related to workplace safety to ensure compliance with legal provisions and current regulations, adopting necessary safety and prevention measures to protect workers' health.
- Apply understanding of personal protective equipment and safety procedures to correctly use such devices and follow safety guidelines during at-risk work activities.
- Use knowledge of emergency procedures, including first aid and evacuation procedures, to effectively manage emergency situations in the workplace and provide timely assistance to workers in case of accidents or hazardous situations.
- Apply knowledge of risks and preventive measures to constantly assess and monitor workplace safety conditions, identifying areas for improvement and taking appropriate corrective actions to mitigate risks.
- Use understanding of effective communication and awareness principles to engage colleagues and workers in adopting safety practices, promoting a culture of safety and prevention in the workplace.
- Apply knowledge and understanding of risks and preventive measures to actively participate in decision-making processes and safety improvement activities in the workplace, contributing to creating a safer working environment for all employees.

### **Communication skills**

The student will be required to orally present the core topics in an organized and coherent manner, using specific scientific language that is appropriate and relevant to the discussion topic.

### **Making judgements**

At the end of the seminar, the student will be expected to:

- Be able to autonomously assess the risks present in the workplace and establish priorities for implementing preventive measures, considering both the urgency and the importance of actions necessary to ensure worker safety.
- Be able to autonomously adapt standard safety procedures to specific workplace situations, taking into account environmental conditions, available resources, and workers' needs to ensure the effectiveness of adopted prevention measures.
- Be able to make quick and effective decisions in workplace emergency situations, using their own experience, knowledge of emergency procedures, and common sense to protect worker safety and health and minimize damage.

- Be able to independently identify workplace safety issues and develop creative and innovative solutions to address them, using their own experience and expertise to effectively tackle encountered challenges.
- Be able to actively promote a culture of safety in the workplace, encouraging worker participation, raising awareness of safe practices, and enforcing safety norms and procedures to continually improve working conditions.
- Be able to collaborate with colleagues and supervisors to identify and resolve safety issues, communicating their ideas, concerns, and proposals for improving workplace safety clearly and effectively.
- Be able to autonomously reflect on their own actions and decisions regarding workplace safety, learning from mistakes and past experiences to continually enhance their judgment and leadership skills in safety matters.

### **Learning skills**

The student will have acquired skills and learning methods suitable for deepening and improving their competencies in the fields of risk and communication, including through consultation of scientific literature. Additionally, the student will adopt a professional behavior: an active attitude, continuous commitment, a reflective approach oriented towards self-learning, and the acceptance of feedback for improvement in achieving the expected objectives.

### **COURSE SYLLABUS**

- Assiomi della comunicazione in ambito sanitario.
- La comunicazione verbale e non verbale in ambito sanitario.
- Concetti generali in tema di prevenzione e sicurezza sul lavoro, in particolare:
  - concetti di pericolo, rischio, danno, prevenzione e protezione
  - l'organizzazione della prevenzione aziendale - i diritti, doveri e sanzioni per i vari soggetti aziendali
  - gli organi di vigilanza, controllo e assistenza
  - il rischio infortunistico e le malattie lavoro-correlate
  - il rischio meccanico ed elettrico
  - il rischio di incendio
  - l'uso di macchine ed attrezzature
  - il rischio chimico
  - il rischio cancerogeno
  - l'etichettatura delle sostanze pericolose
  - il rischio biologico
  - i rischi fisici (rumore, vibrazioni, microclima e illuminazione) e le radiazioni ionizzanti
  - i dispositivi di protezione individuale
  - segnaletica
  - lo stress lavoro-correlato
  - le attrezzature munite di videoterminale
  - la movimentazione manuale dei carichi
  - i rischi correlati ai luoghi di lavoro
  - le procedure di sicurezza con riferimento al profilo di rischio specifico

- i rischi per il feto nel periodo della gestazione e per il bambino durante l'allattamento, le norme che regolano la tutela delle lavoratrici madri e le applicazioni aziendali
- primo soccorso, emergenze, procedure di esodo e incendi
- Assumptions of communication in healthcare.
- Verbal and non-verbal communication in healthcare.
- General concepts related to prevention and workplace safety, particularly:
  - Concepts of hazard, risk, harm, prevention, and protection.
  - Organization of corporate prevention
  - rights, duties, and sanctions for various company stakeholders.
  - Supervisory, control, and assistance bodies. - Occupational hazards and work-related illnesses
  - Mechanical and electrical risks.
  - Fire risk.
  - Use of machinery and equipment.
  - Chemical risk.
  - Carcinogenic risk.
  - Labeling of hazardous substances.
  - Biological risk.
  - Physical risks (noise, vibrations, microclimate, and lighting) and ionizing radiation.
  - Personal protective equipment.
  - Signage.
  - Work-related stress.
  - Equipment with video terminals.
  - Manual handling of loads.
  - Risks related to workplaces.
  - Safety procedures referring to specific risk profiles.
  - Risks to the fetus during gestation and to the child during breastfeeding, regulations governing the protection of working mothers, and corporate applications.
  - First aid, emergencies, evacuation procedures, and fires.

## **COURSE STRUCTURE**

The Nursing degree course provides a total of 2 university educational credits (ECTS). One ECTS corresponds to 30 hours, therefore the total internship hours in the first year of the course amount to 60 hours. Attendance at seminar activities is mandatory for all students enrolled in the degree program.

## **ASSESSMENT CRITERIA**

The Seminar Activity exam consists of an oral examination, the assessment of which is an integral part of the overall evaluation of the course. All the contents indicated in the course syllabus will be assessed. The evaluation will consider the student's knowledge and understanding, ability to apply knowledge and understanding, autonomy of judgment, and communication skills, which will respectively weigh 30%, 30%, 30%, and 10% in the final score. The final grade will be determined collectively by the Commission.

The evaluation criteria considered will be: acquired knowledge; autonomy of judgment; communication skills; and learning ability. The final oral examination will be assessed according to the following criteria:

- fail** The candidate possesses an inadequate knowledge of the topic, makes significant errors in applying theoretical concepts, and shows weak presentation skills.
- pass** The candidate possesses an adequate knowledge of the topic, good presentation skills and ability to apply theoretical concepts.

### **OPTIONAL ACTIVITIES**

Students will have the opportunity to engage in theoretical/practical exercises and participate in seminars or laboratory activities.

### **RECOMMENDED READING**

- Material provided by the professor.