

DEGREE COURSE IN MIDWIFERY

Computer Science/Seminar Activities 1st Year

SSD Teaching: MEDS-24/C

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Number of CFU: 2

PREREQUISITES

Not required.

EDUCATIONAL OBJECTIVES

The educational objective of the course is to provide skills and tools that support students in consolidating the theoretical and practical knowledge acquired during the lectures and to improve their performances. At the end of the training course, the student will be able to put into practice the basic skills, both technical and non-technical, necessary for obstetric clinical practice. Students will attend at least three seminars, conferences, or congresses proposed by the Didactic Directorate, or alternatively, two selected by the Didactic Directorate and one proposed by the student, which will be authorized if it complies with the guidelines set by the Directorate. The seminar schedule will be published by the Academic Directorate at the beginning of the academic year.

EXPECTED LEARNING OUTCOMES

The expected learning outcomes are consistent with the general provisions of the Bologna Process and the specific provisions of Directive 2005/36/EC. They are found within the European Qualifications Framework (Dublin descriptors) as follows:

At the end of the course the student must be able to:

Knowledge and understanding

- identify the patient's main needs and the appropriate ways to satisfy them;
- accurately explain the basic nursing/midwifery procedures studied during the theoretical lessons;
- describe the differences between asepsis, disinfection and sterilization;
- describe the different methods of hand washing and their fields of application;
- describe Personal Protective Equipment (PPE) and the scope of application of each;
- describe some basic concepts related to obstetric care of women and newborns.

Ability to apply knowledge and understanding

- frame a patient's health problem/need by critically interpreting the information obtained from the clinical assessment;
- apply the above knowledge in order to choose the appropriate resolution method for the selected case; use the tools, methods, language, and conventions of midwifery to test and communicate ideas and explanations.

Communication skills

- explain the topics orally in an organised and coherent manner
- use appropriate language that is consistent with the topic of discussion

Autonomy of judgment

- recognize the importance of a thorough knowledge of the topics consistent with adequate midwifery training

-identify the importance of theoretical knowledge of the subject for the midwifery profession

Learning Skills

The student must be able to activate independent in-depth courses by consulting scientific literature and obstetrics and gynecology texts.

SYLLABUS

Below we have the list of techniques that will be the subjects of practical study:

- hygiene care, positioning and mobilization of the patient;
- hand washing (social washing, antiseptic washing, surgical washing);
- most frequently used Personal Protective Equipment (PPE);
- detection of vital parameters: heart rate, respiratory rate, blood pressure, body temperature;
- venipuncture, capillary sampling (in adults and newborns) and blood culture;
- positioning of access venous peripheral;
- preparation and administration of drug therapy;
- catheterization bladder;
- execution of the electrocardiogram (ECG);
- perineal assessment: signs, symptoms and procedures related to obstetric-gynecological conditions;
- basic newborn assessment and care;
- Leopold maneuvers and CTG positioning;
- focus on outpatient services in the obstetrics and gynecology field.

TEACHING METHODS

The course consists of 14 hours of interactive teaching and group work. Simulations of realistic clinical situations are planned in order to improve the technical and communication skills of the student.

LEARNING ASSESSMENT METHODS

The final evaluation will be oral, the modality will be illustrated at the beginning of the lessons together with the teaching material necessary for the preparation of the final exam. The exam will focus on the program of the activities carried out. The basic knowledge of the student and the mastery of scientific language will be evaluated in a clear and systematic way.

The evaluation criteria considered will be: acquired knowledge, independent judgment, communication skills and learning ability. The exam will be evaluated according to the following criteria:

FAIL	Fragmentary and superficial knowledge of the contents, errors in applying the concepts, poor exposition.
PASS	At least sufficient and appropriate knowledge of the contents, clear and coherent exposition.

SUPPORT ACTIVITIES

None.

RECOMMENDED TEXTS AND BIBLIOGRAPHY

-Study material provided by the teachers.