

Teaching guide

IDENTIFICATION DETAILS

Degree:	Medicine		
Field of Knowledge:	Health Science		
Faculty/School:	Health Sciences		
Course:	CLINICAL METHODS I		
Type:	Compulsory	ECTS credits:	4
Year:	3	Code:	2753
Teaching period:	Fifth semester		
Area:	Diagnostic Methods		
Module:	Diagnostic and Therapeutic Procedures		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	120		

SUBJECT DESCRIPTION

The Clinical Methods I course introduces students to the basic skills and procedures for the exercise of clinical medicine. It facilitates the acquisition of communication skills for establishing effective working relations (process skills) and integrates these with the contents of the history and general examination oriented to problems (content skills). This is the basis of clinical reasoning, which allows students to identify health problems by gathering signs and symptoms in context, and using them to perform syndromic/diagnostic analyses for appropriate patient management.

Students are expected to be able to apply some additional examinations commonly used in clinical practice and to realise the importance of knowing their limitations and strengths as a person and professional and to encourage metacognitive clinical learning.

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

To obtain and develop a medical record containing all relevant information.

To perform a physical examination and conduct a mental assessment.

To have the ability to prepare an initial diagnosis and to establish a rational diagnostic strategy.

To listen carefully to, obtain and summarise relevant information about the problems of a patient and understand the content of said information.

To prepare medical records and other medical registers in a way that is understandable to others.

To communicate effectively and clearly, both orally and in writing, with patients, families, the media and other professionals.

To establish good interpersonal communication that makes it possible to address patients, family members, media and other professionals with efficiency and empathy.

To be able to formulate hypotheses and gather information and critically assess it in order to solve problems using scientific methodology.

To engage in professional practice with regard to the independence, beliefs and culture of the patient.

Specific skills

To know how to make and interpret an electrocardiogram and an electroencephalogram.

To know how to write records, reports, instructions and other registers in an understandable manner for patients, families and other professionals.

Saber hacer una anamnesis completa, centrada en el paciente y orientada a las diversas patologías, interpretando su significado.

Saber hacer una exploración física básica.

Saber realizar pruebas funcionales, determinar parámetros vitales e interpretarlos.

Saber hacer una exploración física por aparatos y sistemas, así como una exploración psicopatológica, interpretando su significado.

Conocer las indicaciones principales de las técnicas electrofisiológicas (ECG, EEG, EMG y otras).

Saber realizar una exposición en público, oral y escrita, de trabajos científicos y/o informes profesionales.

Capacidad de integrar conocimientos teóricos y prácticos.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
66 hours	54 hours