كلية الطب البشري
Faculty of Medicine

الجامعـــــة الهاشميـــــة
The Hashemite University

Course information

Course title	Clinical Skills Course 2
Course number	0111500201
Credit hours	1
Course date	2nd Semester
Course meeting time	According to timetable, usually Monday and Wednesday afternoons 12:00 – 3:50pm
Course location	Clinical Skills Education and Testing Centre Laboratories, Faculty of Medicine
Pre-requested course	Clinical Skills Course 1
Course Coordinator	Dr Aiman Al Sharei Office No : 2042 Office hours Tuesday and Wednesday 9am – 12pm Email: aiman@hu.edu.jo / phone: +962799776165

Course description:

The aim of this course is to help students to acquire clinical skills through the integrated basic science module which will ultimately help in better patient care.
Through emphasis on communication skills between health care provider and patients and between different medical staff, we are hoping to prepare our students for their future career, also it will help students to integrate their knowledge of basic sciences with clinical practice.

The Clinical Skills Course 2 incorporates history taking, physical examination, clinical procedures and data interpretation related to the cardiovascular, respiratory and blood and lymphatic systems.

Consultation Skills:

In these sessions, students learn the elements of effective communication. This involves satisfactory interviews with simulated patients and volunteers, initiating the medical interview and eliciting the medical history appropriately. The exercises include role plays with simulated patients and team members. Students will be given opportunities to view real videos of patient history taking.

α. Eliciting the medical history in patients with different symptoms related to:

- Respiratory system with special emphasis on social and occupational history and relevant systems review
- Cardio-vascular system with special reference to exercise tolerance, life style, social history, family history and relevant systems review
- Hematopoietic and lymphatic system related to diseases of blood and lymphatic system with special reference to geography, history of travel, family history and relevant systems review

β. Learning communication skills to build the relationship with the patient and develop rapport
χ. Developing specific communication skills to assist in the process of dealing with difficult situations such as an angry or crying patient
δ. Obtaining consent from a patient before performing a basic medical or invasive procedure

Physical Examination Skills:
Conducting appropriate physical examinations focused to elicit physical signs related to:

- Respiratory system
- Cardio-vascular system
- Hematopoietic and lymphatic system

Procedural Skills:
Performing appropriate techniques on manikins for

- Collection of venous blood samples and blood culture
- I/V drug delivery
- Basic Life Support and Advanced Life Support

Learning outcomes:
The course objectives are divided into three categories. These are: Knowledge, Skills, and Attitudes / Behaviors.

Knowledge:
At the end of the CSETC Course 2, the students shall be able to:

- Demonstrate skill in initiating the medical interview and gathering information with good knowledge of the Calgary-Cambridge framework for structuring the medical interview
- Obtain accurate medical histories related to the cardiovascular, respiratory or blood and lymphatic systems
- Dealing with angry and crying patient discussion scenarios and role-play.
- Interpret their clinical examination findings and laboratory results related to the cardiovascular, respiratory or blood and lymphatic systems based on their basic science knowledge

Skills:
By the end of the CSETC Course 2, in relation to the respiratory, cardiovascular, blood and lymphatic systems, the students shall be able to:

- Collect a focused accurate medical history
- Demonstrate the use of good communication skills when dealing with difficult scenarios such as angry or crying patients/simulated patients and role play

- Perform effective, accurate, comprehensive, focused and appropriate physical examination using simulated patients and manikins
- Competently perform, blood sampling and intravenous delivery
- Demonstrate a good ability to perform basic and advanced life support with the help of manikins
- Demonstrate the ability to obtain consent from patient before any intervention

Attitudes / Behaviors:

At the end of the CSETC Course 2, the students shall be able to:

- Demonstrate rapport and good skill in building the relationship with the patient/simulated patient
- Demonstrate a professional attitude when dealing with the patient, relatives and health care team
- Demonstrate a good understanding of the sensitive nature of the doctor / patient relationship with attention to the patient's familial, cultural, spiritual circumstances and patient privacy and confidentiality
- Demonstrate a proper professional demeanor by willingly and consistently using appropriate personal safety devices when handling patients, hazardous material or instruments

Instructional methods:

The course is taught through interactive& online lectures and use of small groups practical sessions. Instructional methods include:

- Discussions
- brainstorming
- Group work
- Pair work or triplet work
- Role play
- Simulation
- Audio and video feedback
- Presentations
- Demonstrations
- Interpretation
- Assignments

Text book and material:

Author	Title	Published Year
Douglas, Nicol and Robertson Elsevier	Macleod's Clinical Examination	12th, 2009
Silverman, Kurtz Draper	Skills for Communicating with Patients	2004
Ford, Hennessy, and Japp Elsevier	Introduction to Clinical Examination	8th, 2005
Dacre and Kopelman	Handbook of Clinical Skills	1999

Grading Policy:

Multiple Choice Examination: 30%
Objective Structured Clinical Examination: 60%
Class Assignments: 10%
Total Points 100

Course Policies:

Late Assignments

Students must give an explanation to the course instructor for any assignment which is submitted late. It will be at the course instructor's discretion if marks will be deducted for late assignments.

Missed exams

If a student misses the multiple choice examination, then a resit examination should be scheduled for him/her. Due to timetabling constraints, if a student misses the OSCE then a resit for OSCE should be scheduled at a specified time according to the faculty's decision.

Absence

If a student is absent for a practical session, then they must discuss this with the course instructor and it is the student's responsibility to attend the practical session at another time. If a student is absent for more than 20% of the sessions, then they may be liable to fail the course.

Cheating

Cheating is forbidden in any form. Any students who are caught cheating will be reported to the Medical Dean and further action taken as necessary.

Classroom Protocol:

Students are expected to attend all sessions and to arrive on time for lectures and practical sessions. It is each student's responsibility to know their timetable and which session they should attend on which day. Students are expected to behave respectfully towards all

members of staff and each other. Mobile phones are to be switched off during teaching sessions and eating, drinking and smoking are forbidden.

Important Dates to Remember:

Lectures are mostly made available online through Moodle platform accessible at the Hashemite University's website and are required for students to gain the pre-knowledge prior to the practical sessions. Other select topics can be available during the weeks of the semester.

Practical sessions will be laid out conforming the timetable of other Modules during the weeks of the semester.

The OSCE is usually timetabled for the last week of teaching in the semester.

The MCQ Examination is timetabled during the examination period.

Student rights and responsibilities:

These are as detailed in the University Regulations.

Course Schedule:

Lecture 1	Lecture 1 – Review of CSETC course 1 skills and development for CSETC course 2
Lecture 2	Consultation Skills and Symptoms for Respiratory System
Lecture 3	Physical Examination Skills and Signs for Respiratory System
Lecture 4	Consultation Skills and Symptoms for Cardiovascular System
Lecture 5	Communication skills for dealing with angry patient or crying situations
Lecture 6	Physical Examination Skills and Signs for Cardiovascular System
Lecture 7	Data Interpretation Skills for Respiratory System
Lecture 8	Data Interpretation Skills for Cardiovascular Systems
Lecture 9	Blood sampling and intravenous delivery
Lecture 10	Basic and advanced life support
Consultation Session 1	Respiratory Medical Interview
Consultation Session 2	Cardiovascular Medical Interview and Dealing with Angry Patients
Consultation Session 3	Hematopoietic and lymphatic system Medical Interview related to diseases of blood and lymphatic system
Physical Examination Session 1	Examining the Respiratory System
Physical Examination Session 2	Examining the Cardiovascular System (pericardium)

Physical Examination Session 3	Examining the Cardiovascular System (peripheral vascular)
Clinical Procedures Session 1	Advanced Life Support, Cardiac Rhythms
Clinical Procedures Session 2	Venipuncture, blood cultures, IV cannulation, IV drug delivery, removal of cannula
Data Interpretation Session	ABGs, ECGs and CXR