كلية الطب البشري
Faculty of Medicine

الجامعـــــة الهاشميـــــة
The Hashemite University

Course information:

Course title	Clinical Skills Course 4
Course number	0111500301
Credit hours	1
Course date	2nd Semester third year
Course meeting time	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, 2 and 3
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 4 incorporates history taking, physical examination, clinical procedures and data interpretation related to the musculoskeletal systems, genitourinary and reproductive 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, gathering information about the medical history and explaining and planning management 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.

a. Eliciting the medical history in patients with different symptoms related to:
   - Musculoskeletal system with special reference to history of trauma and family history and relevant systems review
   - Genitourinary system – Sexual, gynaecology and obstetrics, reproductive history
b. Using communication skills and basic science knowledge to give appropriate information and counseling to patients regarding diseases of the different systems and planning initial management and treatment steps

c. Demonstrating sensitivity and specific communication skills to minimize any distress for simulated patients when discussing potentially embarrassing topics
d. Breast lump with attention to history of duration, growth pattern, nipple discharge and family history
e. 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:

- Musculoskeletal system
- Genitourinary system

Procedural Skills:
Performing appropriate techniques on manikins for:

- Catheterizations
- Labor and normal delivery
- Per vaginal examination

Interpretation Skills:
Interpretation of patient laboratory data, by applying the acquired basic science knowledge through:

- Kidney, ureter and bladder x-ray (KUB)
- Urea Electrolytes (EGFR and PSA)
- Urinalysis
- Fractures
- Amniocentesis report, ultrasonogram and color Doppler screening in pregnant mothers for congenital abnormalities in fetus
- Ultrasound and biopsy report for BPH

<u>Learning outcomes:</u>
The course objectives are divided into three categories; Knowledge, Skills, and Attitudes/Behaviors.

Knowledge:
At the end of the CSETC Course 4, the students shall be able to:

a. Demonstrate good theoretical knowledge of the Calgary-Cambridge Framework for medical interviewing
b. Be able to extract the relevant history symptoms related to the musculoskeletal system, genitourinary system and reproductive system

c. Interpret common physical signs and laboratory results in relation to the musculoskeletal system, genitourinary system and reproductive system based on their basic science knowledge
d. Understand how to take into consideration the social, ethnic and religious needs of the local community

Skills:

By the end of the CSETC Course 4, in relation to musculoskeletal system, genitourinary system and reproductive system, the students shall be able to:

a. Obtain a focused accurate medical history
b. Demonstrate good communication skills in explanation and planning in the medical interview with a particular focus on shared decision making:
    - involving the patient
    - negotiating
    - offering choice
    - giving opinions
c. Be considerate to psychosocial, economic, and behavioral community factors while educating patients on health related lifestyle modifications
d. Attend to the timing of the medical interview
e. Demonstrate the ability to obtain consent from a patient before any intervention
f. Demonstrate sensitivity and the use of specific communication skills to minimize any distress for patients when discussing potentially embarrassing topics
g. Perform effective, accurate, comprehensive, focused and appropriate physical examination using simulated patients and manikins
h. Competently perform male and female catheterization using manikins

Attitudes / Behaviors:

At the end of the CSETC Course 4, the students shall be able to:

a. Demonstrate professionalism in inter-colleague relationships, team building and high ethical standards in all aspects of medical practice
b. Demonstrate a good understanding of the sensitive nature of the doctor / patient relationship and the importance of attention to the patient's familial, cultural, spiritual circumstances and patient privacy and confidentiality
c. Demonstrate the ability to work effectively as a team member with other health care professionals in providing a high standard of patient care
d. Exhibit a capacity for self-evaluation, moral reflection and ethical reasoning to form the basis for a self-directed, lifelong engagement in the committed practice of medicine
e. 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 lectures and 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	Review of Previous CSETC Courses and Skills
Lecture 2	Shared Decision Making in the Medical Interview
Lecture 3	Consultation Skills and Symptoms for Musculoskeletal System
Lecture 4	Physical Examination for Musculoskeletal System
Lecture 5	Consultation Skills and Symptoms for Genitourinary and Reproductive Systems
Lecture 6	Communication Skills for Discussing Embarrassing Topics in the Medical Interview
Lecture 7	Physical Examination for Genitourinary System
Lecture 8	Clinical procedures- PV examination and delivery and urinary cauterizations
Lecture 9	Data Interpretation one: (urinalysis, KUB, Urea Electrolytes (EGFR) and PSA)
Lecture	Data Interpretation two: Fractures
Consultation Session 1	Medical Interview for Musculoskeletal System and Shared Decision Making
Consultation Session 2	Medical Interview for Genitourinary System and embarrassing scenarios
Physical Examination Session 1	Musculoskeletal System (knee and shoulder)
Physical Examination Session 2	Genitourinary System (Per rectal examination, Breast Lumps, Prostate Gland)
Clinical Procedures Session 1	Male/ female Catheterizations
Clinical Procedures Session 2	Labor and Delivery, Per Vagina Examination
Data Interpretation Session1	(urinalysis, KUB, Urea Electrolytes (eGFR) and PSa)
Data Interpretation Session2	Fractures