Syllabus*: Family Medicine (161503404)

First/Second Semester 2023 /2024

COURSE INFORMATION	
Course Name: Family Medicine **Semester:** 4th Year, First and Second Semesters **Department:** Department of Internal Medicine and Family Medicine **Faculty:** Faculty of Medicine	**Course Code: 161503404** **Section:** Family Medicine **Core Curriculum**:
Day(s) and Time(s): Sunday-Thursday 9:00-13:00 **Classroom:** North Hashmi and Jubaiha Comprehensive Medical Centers	**Credit Hours:** 2.25 **Prerequisites**: None

COURSE DESCRIPTION

A two-week rotation in family medicine clinics at North Hashemi and Jubaiha Comprehensive Medical Centers. Students attend clinics of family medicine, maternity and childhood clinics. They encounter patients in these clinics and discuss the cases with the instructors. During seminars students are exposed to case discussion, problem-based learning in addition to discussing the main topics in family medicine.

DELIVERY METHODS

The course will be delivered through a combination of active learning strategies. These will include:

- PowerPoint lectures and active classroom-based discussion (80% of seminars)
- Online seminars via synchronized meetings using Microsoft Teams platform (20% of seminars)
- Collaborative learning through small groups acting in an interdisciplinary context.
- Relevant films and documentaries
- Video lectures
- E-learning resources: e-reading assignments and practice quizzes through Model and Microsoft Team
- Observed consultation in the outpatient clinics
- Case presentation for patients encountered in the clinics

FACULTY INFORMATION

Name	**Dr. Nuha Qasem**
Academic Title:	**Assistant Professor**
Office Location:	**North Hashemi Medical Center**
Telephone Number:	**0799802520**
Email Address:	**nuhaqasem@hu.edu.jo**
Office Hours:	**Sunday** 14:00-16:00 **Thursday** 12:00-14:00 *Please send an e-mail (nuhaqasem@hu.edu.jo) to meet at any other time.*

REFERENCES AND LEARNING RESOURCES

Required Textbook • **There is no required textbook for purchase. All compulsory weekly readings are available electronically on Model.**

Suggested Additional Resources: Family Medicine Principles and Practice, by Paulman, Taylor and Nasir. 2020

Useful Web Resources:

- American Academy of Family Physicians: http://www.aafp.org
- **UpToDate**

STUDENT LEARNING OUTCOMES MATRIX*

Course Aims and Intended Learning Outcomes (ILOs) :

Aims:

- To introduce the concept of family medicine as a specialty
- To understand the principles of family medicine
- To be able to diagnose and manage undifferentiated problems and deal efficiently with different acute and chronic medical conditions.

ILOs:

- To provide comprehensive patient care integrating physical problems with social and psychological aspects.
- To emphasize the importance of health maintenance and preventive medicine
- To introduce the concept and importance of evidence-based medicine.
- To master the consultation skills, communication skills and establish good doctor-patient relationship.
- To use consultations and referrals in a continuity-of-care model
- To develop primary care problem-solving skills

COURSE REGULATIONS

Participation

Class participation and attendance are important elements of every student's learning experience at The Hashemite University, and the student is expected to attend all classes. A student should not miss more than 15% of the classes during a semester. *Those exceeding this limit of 15% will receive a failing grade regardless of their performance*. It is a student's responsibility to monitor the frequency of their own absences. **Attendance record begins on the first day of class irrespective of the period allotted to drop/add and late registration. It is a student's responsibility to sign-in; failure to do so will result in a non-attendance being recorded.**

In exceptional cases, the student, with the instructor's prior permission, could be exempted from attending a class provided that the number of such occasions does not exceed the limit allowed by the University. The instructor will determine the acceptability of an absence for being absent.

A student who misses more than 25% of classes and has a valid excuse for being absent will be allowed to withdraw from the course.

Plagiarism

Plagiarism is considered a serious academic offence and can result in your work losing marks or being failed. HU expects its students to adopt and abide by the highest standards of conduct in their interaction with their professors, peers, and the wider University community. As such, a student is expected not to engage in behaviours that compromise his/her own integrity as well as that of the Hashemite University.

Plagiarism includes the following examples and it applies to all student assignments or submitted work:

- **Use of the work, ideas, images or words of someone else without his/her permission or reference to them.**
- **Use of someone else's wording, name, phrase, sentence, paragraph or essay without using quotation marks.**
- **Misrepresentation of the sources that were used.**

The instructor has the right to fail the coursework or deduct marks where plagiarism is detected

Late or Missed Assignments

In all cases of assessment, students who fails to attend an exam, class project or deliver a presentation on the scheduled date without prior permission, and/or are unable to provide a medical note, will automatically receive a fail grade for this part of the assessment.

- Submitting a term paper on time is a key part of the assessment process. Students who fail to submit their work by the deadline specified will automatically receive a 10% penalty. Assignments handed in more than 24 hours late will receive a further 10% penalty. Each subsequent 24 hours will result in a further 10% penalty.
- In cases where a student misses an assessment on account of a medical reason or with prior permission; in line with University regulations an incomplete grade for the specific assessment will be awarded and an alternative assessment or extension can be arranged.

Student Complaints Policy

Students at The Hashemite University have the right to pursue complaints related to faculty, staff, and other students. The nature of the complaints may be either academic or non-academic. For more information about the policy and processes related to this policy, you may refer to the students' handbook.

COURSE ASSESSMENT

Course Calendar and Assessment

Students will be graded through the following means of assessment and their final grade will be calculated from the forms of assessment as listed below with their grade weighting taken into account. The criteria for grading are listed at the end of the syllabus

Assessment	Grade Weighting	Deadline Assessment
Evaluation	20%	End of Rotation
Mini-OSCE Exam	35%	End of Rotation
Final Written Exam	45%	End of Year

Description of Exams

Test questions will predominately come from material presented in the lectures. Semester exams will be conducted during the regularly scheduled lecture period. Exam will consist of a combination of multiple choice, short answer, match, true and false and/or descriptive questions.
Homework: Will be given for each chapter, while the chapter in progress you are supposed to work on them continuously and submit in next lecture when I finish the chapter.
You are also expected to work on in-chapter examples, self-tests and representative number of end of chapter problems. The answers of self-tests and end of chapter exercises are given at the end of the book.

Quizzes: Unannounced quizzes will be given during or/and at the end of each chapter based upon the previous lectures. It will enforce that you come prepared to the class.

No make-up exams, homework or quizzes will be given. Only documented absences will be considered as per HU guidelines.

Grades are not negotiable and are awarded according to the following criteria*:

Letter Grade	Description	Grade Points
A+	Excellent	4.00
A		3.75

A-		3.50
B+	Very Good	3.25
B		3.00
B-		2.75
C+	Good	2.50
C		2.25
C-		2.00
D+	Pass	1.75
D	Pass	1.50
F	Fail	0.00
I	Incomplete	-

WEEKLY LECTURE SCHEDULE AND CONTENT DISTRIBUTION

Lecture / Seminar	Intended Learning Outcomes
1) **Principles of Family Medicine** **Dr. Amjad Al-Shdaifat**	1) Identify the characteristics of Family Medicine as a medical discipline
	2) Describe the elements of cost-effective practice
	3) Learn the ways for successful patient-doctor relationship
	4) Define the role of family physician in the continuity of care for patient
2**) Prevention & Screening** **Dr. Nuha Qasem**	1) Describe the types of prevention
	2) List criteria for screening
	3) Define the contents of screening program for different age groups
	4) Discuss the indications, contraindications and side effects of immunization
3) Diabetes Mellitus **Dr. Amjad Al-Shdaifat**	1) Define criteria for diagnosis
	2) Discuss clinical features & complications
	3) Describe the treatment strategies
	4) Discuss the value of diabetic clinic

4) Hypertension	1) Define diagnostic criteria and staging of hypertension
Dr. Nuha Qasem	2) Discuss clinical presentation and complications
	3) Understand how to approach and mange patients
	4) Emphasize the importance of primary health care in prevention, early diagnosis and proper management of hypertension
	5) Learn how to screen, diagnose and manage hypertension in children
5) Acute Diarrhea in Children	1) List the differential diagnosis of acute diarrhea in children
Dr. Nuha Qasem	2) Describe the indications of performing stool studies and antibiotic use
	3) Learn how to assess hydration status of the child and manage accordingly
	4) Discuss the role of parents in management
6) Common Respiratory Tract Infections in Children	1) Define the role of antibiotics in treating patients with URTI
Dr. Nuha Qasem	2) Differentiate between simple self-limiting infections and bacterial infections
	3) Understand complications of different respiratory infections and indications for follow up and need for further evaluation
7) Evidence-Based Medicine (EBM)	1) Discuss the role of EBM in medical practice
Dr. Amjad Al-Shdaifat	2) Define the steps involved in EBM
	3) Describe ways for selecting proper literature and ways of appraisal
8) Dizziness	1) Discuss the causes of dizziness
Dr. Amjad Al-Shdaifat	2) Select the appropriate investigations
	3) Describe the management plan for dizziness
9) Antenatal Care	1) Introduce the concept of preconception counseling
Dr. Nuha Qasem	2) Learn how to approach pregnant ladies in any gestational age
	3) Screening and prevention in pregnancy
10) Headache and	1) List causes of headache

Backache	2) Describe the approach in investigating patient with headache
Dr. Amjad Al-Shdaifat	3) List the alarming symptoms and signs of backache 4) Discuss the effect of backache on patients 5) Describe the management plan for backache
11) Contraception Counseling **Dr. Nuha Qasem**	1) To konw the different types of contraception and how to use them appropriately
	2) Discuss the indications, contraindications and side effects
	3) Counsel the patient and help her choose the appropriate method for her.
12) Bronchial Asthma **Dr. Nuha Qasem**	1) Clinical presentation of asthma and how to be differentiated from other chronic airway diseases
	2) Learn how to initiate treatment, monitor response and step up or down accordingly
	3) How to identify and deal with patient presenting with asthma exacerbation
	4) Approach to bronchial asthma in children
13) Smoking Cessation Counseling **Dr. Nuha Qasem**	1) Learn how to approach smoker individuals in any clinical encounter
	2) How to assist patients in their smoking cessation attempts
	3) How to approach smokers who are not yet ready to quit
14) Thyroid Dysfunction **Dr. Amjad Al-Shdaifat**	1) Identify clinical presentation of patients with thyroid disorders 2) Criteria for diagnosis of clinical or subclinical thyroid dysfunction 3) Indications for pharmacological treatment in patients with subclinical thyroid dysfunction