Syllabus*: General Surgery 2 (111502601)
First/Second Semester 2025 /2026

COURSE INFORMATION	
Course Name: 2 **Semester:** 6th year, first & second **Department:** Department of General and Special Surgery **Faculty:** Medicine	**Course Code:** 111502601 **Section:** General Surgery **Core Curriculum**: Practical sessions and Lectures
Day(s) and Time(s): Sunday till Thursday: 08:00 - 15:00 **Classroom:** Prince Hamzeh Hospital, Al-Bashir Hospital **, Zarqa new governmental hospital , Royal medical service hospital**	**Credit Hours:** 9 **Prerequisites**: This module is available only to 6th year medical students

COURSE DESCRIPTION

This eight-week surgical rotation is an intense clinical experience that introduces students to the basic principles of surgery and related diseases. Students rotate with surgical teams at various hospitals that are affiliated to the medical school of the university. The rotation includes: six weeks of general surgery and two weeks of surgical subspecialties. The rotation consists of four blocks. Each block is two weeks long. During the rotations, students are encouraged to function as members of surgical team to reinforce their knowledge and experience in pre-, peri-, and post-operative evaluation and management of surgical diseases. Daily rounds and faculty interactions give students the opportunity to discuss patient problems in detail. Faculty members provide students with regular feedback, advice, and direction. Time is spent in surgical wards, surgical outpatient clinics, emergency room, and the operating room. The curriculum is defined by its general and specific learning objectives.

DELIVERY METHODS

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

- PowerPoint lectures and active classroom based discussion
- 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

FACULTY INFORMATION

Name	**Dr. Tayseer Al-tawarah**
Academic Title:	**Assistant Professor in General Surgery**
Office Location:	**Al-Zarqa New Governmental Hospital**
Telephone Number:	**0799886027**
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Office Hours:	**Wednesday 11:00- 14:00** **Thursday 9.20 - 11.20** **Please contact me on Microsoft teams to meet you 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:

- Bailey and Love's Short Practice of Surgery by Norman S Williams, Christopher J.K. Bulstrode, and P Ronan O'Connell.
- Browse's Introduction to the Symptoms & Signs of Surgical Disease - by Norman L. Browse, John Black, Kevin G. Burnand, and William E. G. Thomas.
- Schwartz's Principles of Surgery, by F. Brunicardi, Dana Andersen, Timothy Billiar, and David Dunn.
- Sabiston Textbook of Surgery: Sabiston Textbook of Surgery: The Biological Basis of Modern Practicsurgical Practice, by Courtney M. Townsend Jr. MD, R. Daniel Beauchamp MD, B. Mark Evers MD, and Kenneth L. Mattox MD

Useful Web Resources: Up to date

STUDENT LEARNING OUTCOMES MATRIX*

Core Curriculum Learning Outcomes	Program Learning Outcomes	Course Objectives	Course Student Learning Outcomes	Assessment Method
Think critically and creatively in a variety of methods in order to make decisions and solve problems.	Apply critical thinking and demonstrate problem-solving skills in two or more of the major fields of general surgery.	Develop an understanding of the basic principles of the major branches of general surgery.	Take pertinent detailed history and perform thorough clinical examination	• Daily evaluation • Written exams • OSCE • Mini-OSCE
		Obtain a thorough foundation in the various fields of general surgery.	Demonstrating an adequate knowledge of surgical diseases	• Daily evaluation • Written exams • OSCE • Mini-OSCE
Communicate competently with others using oral and written English skills	Use modern literature search methods to obtain information about general surgery topics and write reports.	Obtain an understanding of the role of general surgery in medical disciplines.	Acquire the ability to learn independently; articulate the importance of independent learning for future professional development	• "On-line" reading assignments
Demonstrate competency in the use of research skills and various information sources.	Communicate results to general surgery, other clinicians and to public.	Acquire positive attitudes towards further studies in general surgery and towards the application of general surgery in medicine.	Develop a positive attitude towards general surgery and its applications in medicine, and towards further study and lifelong learning.	• research project

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 behaviors 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
Mini OSCE + OSCE-exam	30%	End of rotation
Oral exam	15%	End of Rotation
MCQ exam	45%	End of year
Evaluation	10%	Daily

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.

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

	Titile of activity
1	**"Dysphagia: A Multidisciplinary Surgical Approach to Diagnosis and Treatment"**
2	**Clinical Evaluation and Treatment of Obstructive GI Disorder :Gastric outlet obstruction & Intestinal Obstruction**

3	"Evaluation and Management of Abdominal Trauma: A System-Based Surgical Perspective"
4	"A Surgical Perspective on Benign Anorectal Conditions"
5	Management of a common Surgical Emergencies : Appendicitis , cholecystitis and Diverticulitis
6	Colorectal Polyps and Cancer: Screening, Diagnosis, and Treatment Strategies"
7	"The Evolution of Minimally Invasive Surgery: Physiological Principles and Robotic-Laparoscopic Advances"
8	Management of Surgical Bleeding: Haemostasis and Blood Transfusion Strategies"
9	Clinical and Surgical Management of Pancreatitis and Perforated Peptic Ulcers"
10	Benign Liver Lesions and Cysts: Imaging, Diagnosis, and Surgical Considerations"
11	From ED to OR: Comprehensive Management of Acute Limb Ischemia and Mesenteric Ischemia"
12	Paediatric Surgical Emergencies: Clinical Approach and Surgical Intervention"
13	Paediatric GI and Hepatic Anomalies : A Clinical and Surgical Overview"
14	Trauma to the Chest: Surgical Strategies for Blunt and Penetrating Mechanisms"
15	Optimizing Perioperative Care: Principles of Shock Management and Fluid-Electrolyte Therapy in Surgery"
16	Diagnosis and Treatment of Pneumothorax: From Emergency to Definitive Care"
17	Surgical Principles of Organ Transplantation: Indication , Challenges, and Innovations"
18	Surgical Management of Obesity: Techniques, Outcomes, and Patient Selection"
19	Approach to Gastrointestinal Bleeding: Integrating Upper and Lower GI Pathologies
20	Advances in Breast Cancer: Clinical Approach and Surgical Management"
21	Clinical Approach to Breast Complaints: From Assessment to Management"
22	Integrated Approach to Anticoagulation and Diabetes in Surgical Patients: Pre, Intra, and Postoperative Care"
23	Modern Approaches to Burn Management: Assessment, Treatment, and Recovery"
24	Soft tissue Reconstruction and coverage & new modalities for wound care
25	Clinical Management of Thyroid and Parathyroid Disorders: A Surgical Perspective"
26	Skin Cancer and Beyond: A Surgical Perspective on Melanoma and Cutaneous Tumours"
27	"Aneurysmal Disease in Focus: From AAA to Peripheral Arterial Aneurysms"
28	Clfet Lip &Palate : From Embryology to Surgical repair and Multidisciplinary Management