

**Ministry of Higher Education and Scientific Research  
Scientific Supervision and Scientific Evaluation Apparatus  
Directorate of Quality Assurance and Academic  
Accreditation Department**



# **Academic Program and Course Description Guide**

**3<sup>rd</sup> stage surgery 2025-2026**



## Academic Program Description Form

**University Name:** University of Al-Qadisiyah

**Faculty/Institute:** College of medicine

**Scientific Department:**

**Academic or Professional Program Name:** General Medicine and Surgery

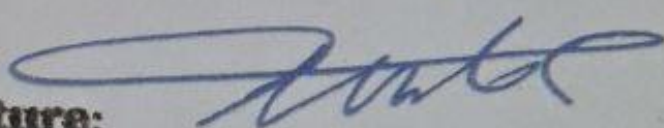
**Final Certificate Name:** Bachelor's degree in General Medicine and Surgery

**Academic System:** Annual year / 2 semester

**Description Preparation Date:** 10/9 /2025

**File Completion Date:** 16/9/2025

**Signature:**



**Signature:**



## 1. Program Vision

Seeking to make the College of Medicine in Al-Qadisyah University a distinguished college among the medical colleges in Iraq in the field of medical education. Additionally, to make it has a clear imprint in promoting the health field in the Iraqi community and works to provide distinctive proposals and views for basic and clinical medical sciences to ensure meeting the health needs of the community at the local and national levels.

## 2. Program Mission

Al Qadisyah medical college aims at producing medical doctors that are able to participate effectively in the health care delivery system whether in Iraq or any other country. The curriculum is designed to provide students with the necessary knowledge, skills and attitudes in order to function as safe doctors and have the baseline for lifelong learning in the medical field in the future.

The teaching methods are guided by learning objectives that ensure delivering basic biomedical, behavioral and social and clinical subjects which help creating an efficient junior doctor who is competent, motivated and professional.

It is a well-established strategy that students are heard and welcomed to provide feedback about different aspects of the learning process and they are considered as an essential part in the decision making in the college used for continuous planning for improvement of the whole institution.

## 3. Program Objectives

Graduating distinguished doctors and rehabilitating them scientifically, professionally and ethically so that they can provide health and medical care to individuals, families and society on sound scientific bases and in accordance with the noble moral, social and humanitarian values with great interest in primary health care

- Developing curricula, teaching aids and methods to improve quality based on international quality standards and academic accreditation

- Achieving accreditation through the institutional capacity standards of the college. Achieving academic accreditation standards for student and graduate programs offered by the college

Continuous support for distinguished cadres of faculty members through an academic environment that encourages production and creativity

θ Continuous development of the scientific research system to identify and diagnose major health problems in the community, propose appropriate scientific solutions to them, and keep pace with development in basic and clinical medical sciences.

## 4. Program Accreditation

An application has been made for national accreditation for medical colleges

## 5. Other external influences

Advances in medical science and technology , requiring regular curriculum updates

<b>6. Program Structure</b>				
<b>Program Structure</b>	<b>Number of semester</b>	<b>Credit hours</b>	<b>Percentage</b>	<b>Reviews*</b>
<b>Institution Requirements</b>	<b>2</b>	<b>Total hour in annual year semester I and II 30 h theory</b>		<b>Basic</b>
<b>College Requirements</b>	<b>2</b>	<b>Total hour in annual year semester I and II 30 h theory</b>		<b>Basic</b>
<b>Department Requirements</b>	<b>2</b>	<b>Total hour in annual year semester I and II 30 h theory</b>		<b>basic</b>
<b>Summer Training</b>	<b>Not found</b>			—
<b>Other</b>				—

\* This can include notes whether the course is basic or optional.

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
3 <sup>rd</sup> stage	GSU 3207	Surgery	30 h for annual year semester I, II	None

## Course Description Form

1. Course Name:
General Surgery
2. Course Code:
<b>GSU 3207</b>
3. 2 semester
Annual year 2 semester for 3 <sup>rd</sup> stage
4. Description Preparation Date:
10/9/2025
5. Available Attendance Forms:
Attendance sheet
6. Number of Credit Hours (Total) / Number of Units (Total)
Total 30h theory for annual year semester I,II / 2 unit for total
7. Course administrator's name (mention all, if more than one name)
Name: Adel shaker Email:

**1. Faculty****Faculty Members**

<b>Academic Rank</b>	<b>Specialization</b>		<b>Special Requirements/Skills (if applicable)</b>		<b>Number of the teaching staff</b>	
	<b>General</b>	<b>Special</b>			<b>Staff</b>	<b>Lecturer</b>
Prof	MBChB	Surgery			4	
Assesstent prof .	MBChB	Surgery			4	
Lecturer	MBChB	Surgery			2	

## Professional Development

### Mentoring new faculty members

One-on-one mentorship with a near-peer mentor. The department chair will assign new faculty a mentor who is in more of a peer position.

### Professional development of faculty members

**Teaching:** Demonstrate an interest and growth in teaching

- Establish and maintain a teaching portfolio
- Classroom observations, student outcomes
- Become an effective advisor
- Other activities, e.g., undergraduate research, implement safe laboratory procedures, support co- or extra-curricular activities or events.

**Professional Growth:**

- Plan for publication or other significant professional activity, as appropriate for discipline.
- Participate in local or regional conferences or professional organization activities

## 1. Program Development Plan

1. Focusing mainly on making surgery lectures more interactive by asking the fundamental questions in surgery “how & why “
2. Reliance on clinical tutors; we recruit recent medical graduates for small groups in teaching lab
3. Focusing more on Sample questions: that should be posted weekly based on the learning objectives for the week for the students to study by themselves.

### A) Basic Information:

Allocated marks: 100 marks.

Course duration Teaching hours for each group: 1 hour per week theory

### **Attendance / Absence**

Students are required by university regulations to be present during daytime from 8:00 a.m. till 2:30 p.m.

Student attendance is compulsory. This means that you are required to attend all:

- Clinical teaching sessions
- **Formative assessment and review sessions**

Students who fail to attend for any reason is instructed to notify the secretary and give the reason why he/she was unable to attend.

Failure of students to attend (unauthorized absence) for 10% of total weeks is subjected to disciplinary actions (from alarming him till review with MEU committee / head / deputy dean and if absence reached 15% the student is subjected to further disciplinary action. This ranges from a meeting with the year coordinator to (in the worst cases) referral to deanery with a view to expulsion.

### **Professional Information:**

#### **1. Program Aims**

At end student will able to gate basic knowledge of surgical diseases.

#### **2. Academic Standards**

#### **3. Intended Learning Outcome**

- a. Knowledge and Understanding : at end student will able to gate basic knowledge of surgical diseases.
- b. Practical and Clinical Skills
- c. Professional Attitude and Behavioral Skills Competent student knowledge on principles of surgery.
- d. Communication Skills: To become a good clinician it is helpful to be carefully observant in important but unnoticed aspects, such as demeanor, comments, and interaction with other healthcare providers and patients. Students learn a lot through observing care of patients. The process starts with appearance, punctuality, composure, acceptance of responsibility, and interactions with

patients and other members of the healthcare team.

e. Intellectual Skills Patient presentations should be goal oriented and follow a specific format. The last sentence of a presentation should always start with "The plan is..." For postoperative patients you should always think of what needs to be done to send the patient home

f. General and Transferable Skills

#### **4. A. Program Structure and Contents (Blueprint of clinical course )**

To become a good clinician it is helpful to be carefully observant in important but unnoticed aspects, such as demeanor, comments, and interaction with other healthcare providers and patients. Students learn a lot through observing care of patients. The process starts with appearance, punctuality, composure, acceptance of responsibility, and interactions with patients and other members of the healthcare team.

Patient presentations should be goal oriented and follow a specific format. The last sentence of a presentation should always start with "The plan is..." For postoperative patients you should always think of what needs to be done to send the patient home.

❖ **Course topics and description :-**

<b>Item</b>	Lecture 1
<b>Subject</b>	Introduction / basic surgical principles
<b>Learning objectives</b>	To understand : <ul style="list-style-type: none"> <li>• Surgery definition</li> <li>• Surgery history</li> <li>• Surgery pioneers</li> <li>• Surgery types</li> <li>• Surgery strategy</li> </ul>
<b>Content</b>	<ul style="list-style-type: none"> <li>• Definition of surgery and purpose of surgery .</li> <li>• History and origin of surgery</li> <li>• Surgical pioneers and innovators</li> <li>• Types of surgeries and surgical work</li> <li>• Surgical strategy in treating patients</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 2
<b>Subject</b>	Wound / tissue repair / scar
<b>Learning objectives</b>	To understand : <ul style="list-style-type: none"> <li>• Normal healing and how it can be adversely affected</li> <li>• How to manage wounds of different types, of different structures and at different sites</li> <li>• Aspects of disordered healing that lead to chronic wounds</li> <li>• The variety of scars and their treatment</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• normal and abnormal wound healing</li> <li>• types of wounds – tidy versus untidy</li> <li>• managing the acute wound</li> <li>•</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ahmed Iwari

<b>Item</b>	Lecture 3
<b>Subject</b>	Continue for Wound / tissue repair / scar
<b>Learning objectives</b>	To understand : <ul style="list-style-type: none"> <li>• Normal healing and how it can be adversely affected</li> <li>• How to manage wounds of different types, of different structures and at different sites</li> <li>• Aspects of disordered healing that lead to chronic wounds</li> <li>• The variety of scars and their treatment</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• some specific wounds</li> <li>• chronic wounds</li> <li>• scars types , factors , avoidance</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ahmed Meri
<b>Item</b>	Lecture 4
<b>Subject</b>	Burn
<b>Learning objectives</b>	To understand : <ul style="list-style-type: none"> <li>• The area and depth of burns</li> <li>• To understand:</li> <li>• Methods for calculating the rate and quantity of fluids to be given</li> <li>• Techniques for treating burns and the patient</li> <li>• The pathophysiology of electrical and chemical burns</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• definition</li> <li>• the pathophysiology of burn injury</li> <li>• immediate care of the burn patient</li> <li>• assessment of the burn wound</li> <li>• fluid resuscitation</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ahmed Meri

<b>Item</b>	Lecture 5
<b>Subject</b>	Continue for Burn
<b>Learning objectives</b>	<p>To understand :</p> <ul style="list-style-type: none"> <li>• The area and depth of burns</li> <li>• To understand:</li> <li>• Methods for calculating the rate and quantity of fluids to be given</li> <li>• Techniques for treating burns and the patient</li> <li>• The pathophysiology of electrical and chemical burns</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• treating the burn wound</li> <li>• surgery for the acute burn wound</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ahmed Meri
<b>Item</b>	Lecture 6
<b>Subject</b>	Surgical infection
<b>Learning objectives</b>	<p>To understand :</p> <ul style="list-style-type: none"> <li>•The factors that determine whether a wound will become infected</li> <li>•The classification of sources of infection and their severity</li> <li>•The indications for and choice of prophylactic antibiotics</li> <li>•The characteristics of the common surgical pathogens and their sensitivities</li> <li>•The spectrum of commonly used antibiotics in surgery and the principles of therapy</li> <li>•The causes of reduced resistance to infection</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• factors inhibit the micro-organisms from causing infection</li> <li>• factors predisposing to wound infection</li> <li>• Sources of infection</li> <li>• Classification of Surgical wounds</li> </ul>

	<ul style="list-style-type: none"> <li>• Classification of Surgical wounds ( types )</li> <li>• Prevention</li> <li>• Management</li> <li>• Prophylactic antibiotics</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 7
<b>Subject</b>	Continue for Surgical infection
<b>Learning objectives</b>	<p>To understand :</p> <ul style="list-style-type: none"> <li>•The factors that determine whether a wound will become infected</li> <li>•The classification of sources of infection and their severity</li> <li>•The indications for and choice of prophylactic antibiotics</li> <li>•The characteristics of the common surgical pathogens and their sensitivities</li> <li>•The spectrum of commonly used antibiotics in surgery and the principles of therapy</li> <li>•The causes of reduced resistance to infection</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• Specific ( SSI) wound infections</li> <li>• Synergistic spreading gangrene</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 8
<b>Subject</b>	Acquired Immunodeficiency Syndrome
<b>Learning objectives</b>	<ul style="list-style-type: none"> <li>• knowledge about the HIV virus and how it is spread and not spread.</li> <li>• competence to diagnose and manage persons with HIV infection and HIV-related disease.</li> </ul>
	knowledge of the extent of HIV/AIDS problem at global

	<p>and city levels –and its impact on health.</p> <ul style="list-style-type: none"> <li>• knowledge about psycho-social and behavioural aspects. communication skills and the ability to counsel persons with HIV/AIDS as well as their families to understand the STI and HIV relationship and to manage STI using the syndromic approach.</li> <li>• the ability to plan and execute appropriate preventive measures against HIV infection in the hospital, workplace and community.</li> <li>• An understanding of the importance of team approach and intersectoral cooperation for optimal utilization of resources. compassion for individuals living with HIV/AIDS.</li> <li>• an awareness of medical ethics; human rights issues, and costs of medical care.</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• Definition</li> <li>• Clinical classification</li> <li>• Mode of Transmission</li> <li>• Pathogenesis</li> <li>• General clinical Features in HIV</li> <li>• Investigation for HIV</li> <li>• Tumours in HIV Infection</li> <li>• Treatment</li> <li>• complementary medicine</li> <li>•</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 9
<b>Subject</b>	Metabolic response to injury
<b>Learning objectives</b>	<p>To understand:</p> <ul style="list-style-type: none"> <li>• Classical concepts of homeostasis</li> <li>• Mediators of the metabolic response to injury</li> <li>• Physiological and biochemical changes that occur during injury and recovery</li> <li>• Changes in body composition that accompany</li> </ul>

	<p>surgical injury</p> <ul style="list-style-type: none"> <li>• Avoidable factors that compound the metabolic response to injury</li> <li>• Concepts behind optimal perioperative care</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• factors responsible for systemic responses</li> <li>• mechanism of metabolic response to trauma</li> <li>• changes in body composition following injury</li> <li>• concepts behind optimal perioperative care</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 10
<b>Subject</b>	Shock
<b>Learning objectives</b>	<p>To understand:</p> <ul style="list-style-type: none"> <li>• The pathophysiology of shock and ischaemia–reperfusion injury</li> <li>• The different patterns of shock and the principles and priorities of resuscitation</li> <li>• Appropriate monitoring and end points of resuscitation</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• Pathophysiology</li> <li>• Classification of shock</li> <li>• CLINICAL FEATURES OF SHOCK</li> <li>• Severity (degrees ) of shock</li> <li>• INVESTIGATIONS IN SHOCK</li> <li>• TREATMENT OF SHOCK</li> <li>• Septic shock</li> <li>• Complication of poor shock management</li> <li>• Dynamic assessment of shock</li> <li>• Pitfalls or absence of classic signs in shock</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari

<b>Item</b>	Lecture 11
<b>Subject</b>	Hemorrhage and blood transfusion
<b>Learning objectives</b>	<ul style="list-style-type: none"> <li>• Demonstrate competency in investigating, evaluating, and interpreting bleeding cases.</li> <li>• selecting appropriate blood products for transfusion and work-ups of positive antibody screens and panels and transfusion reactions.</li> <li>• Demonstrate professional behavior regarding patients, other physicians and all clinical laboratory personnel.</li> <li>• Understand the scientific basis and pathophysiology of Blood Banking, which includes an understanding of immunohematology.</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• Definition</li> <li>• Classification</li> <li>• Pathophysiology</li> <li>• Measurement of blood loss</li> <li>• Clinical features</li> <li>• Management of bleeding</li> <li>•</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 12
<b>Subject</b>	Continue lecture Hemorrhage and blood transfusion
<b>Learning objectives</b>	<ul style="list-style-type: none"> <li>• Demonstrate competency in investigating, evaluating, and interpreting bleeding cases.</li> <li>• selecting appropriate blood products for transfusion and work-ups of positive antibody screens and panels and transfusion reactions.</li> <li>• Demonstrate professional behavior regarding patients, other physicians and all clinical laboratory personnel.</li> <li>• Understand the scientific basis and pathophysiology of Blood Banking, which includes an understanding of immunohematology.</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• Blood and blood products</li> <li>• Indications for blood transfusion</li> <li>• Transfusion reactions</li> <li>• Complications of blood transfusion</li> </ul>

	<ul style="list-style-type: none"> <li>• Blood substitutes</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J. Al-Shammari
<b>Item</b>	Lecture 13
<b>Subject</b>	Sterile precaution
<b>Learning objectives</b>	<ul style="list-style-type: none"> <li>• Describe the principles and practice of asepsis</li> <li>• Understand hand hygiene</li> <li>• Know what is dirty and clean surgical instruments.</li> <li>• Know what is sterile</li> <li>•</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• definitions</li> <li>• Decontamination</li> <li>• Manual cleaning</li> <li>• Disinfection</li> <li>• Sterilization</li> <li>• Theater protocol</li> <li>• Preoperative preparations</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr . Husain al-Baaj
<b>Item</b>	Lecture 14
<b>Subject</b>	Fluid and electrolyte
<b>Learning objectives</b>	<ul style="list-style-type: none"> <li>• Describe variables that influence fluid and electrolyte balance</li> <li>• Identify factors related to fluid/electrolyte balance</li> <li>• Assess a patient's nutritional and fluid/electrolyte status</li> <li>• Outline specific nursing interventions to promote fluid and electrolyte balance</li> <li>• Base decisions on the signs and symptoms of fluid volume excess and fluid volume deficit</li> <li>• Base decisions on the interpretation of diagnostic tests and lab values indicative of a disturbance in fluid and electrolyte balance</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• normal physiology</li> <li>• normal water balance</li> </ul>

	<ul style="list-style-type: none"> <li>• abnormal water balance</li> <li>• fluid therapy</li> <li>• types of fluid</li> <li>• fluid calculation</li> <li>• monitoring fluid therapy</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J Al-Shammari
<b>Item</b>	Lecture 15
<b>Subject</b>	Continue of lecture Fluid and electrolyte
<b>Learning objectives</b>	<ul style="list-style-type: none"> <li>• Describe variables that influence fluid and electrolyte balance</li> <li>• Identify factors related to fluid/electrolyte balance</li> <li>• Assess a patient's nutritional and fluid/electrolyte status</li> <li>• Outline specific nursing interventions to promote fluid and electrolyte balance</li> <li>• Base decisions on the signs and symptoms of fluid volume excess and fluid volume deficit</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• normal electrolyte balance</li> <li>• sodium balance</li> <li>• potassium balance</li> <li>• calcium balance</li> <li>• magnesium balance</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Ali J Al-Shammari
<b>Item</b>	Lecture 16
<b>Subject</b>	Oncology principles
<b>Learning objectives</b>	<p>To understand:</p> <ul style="list-style-type: none"> <li>• The biological nature of cancer</li> <li>• The principles of cancer prevention and early detection</li> <li>• The principles of cancer etiology and the major known causative factors</li> <li>• The likely shape of future developments in cancer management</li> </ul> <ul style="list-style-type: none"> <li>• the multidisciplinary management</li> </ul>

<b>content</b>	<ul style="list-style-type: none"> <li>• Definition of neoplasm</li> <li>• Markers of neoplasm</li> <li>• Genomic stability</li> <li>• Malignant transformation</li> <li>• The growth of tumor</li> <li>• Principle of cancer surgery</li> <li>• Investigation and staging</li> <li>• Management</li> <li>• Prevention</li> <li>•</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Husain Al-Baaj
<b>Item</b>	Lecture 17
<b>Subject</b>	Arterial disorders
<b>Learning objectives</b>	<p>To understand:</p> <ul style="list-style-type: none"> <li>•The nature and associated features of occlusive arterial disease</li> <li>•The investigation and treatment options for occlusive arterial disease</li> <li>•The principles of management of the severely ischaemic limb</li> <li>•The nature and presentation of aneurysmal disease, particularly of the abdominal aorta</li> <li>•The investigation and treatment options for aneurysmal disease</li> <li>•The arteritides and vasospastic disorders</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• arterial stenosis and occlusion</li> <li>• gangrene</li> <li>• acute arterial occlusion</li> <li>• compartment syndrome</li> <li>• aneurysm</li> <li>• <b>EBM</b></li> </ul>
<b>Time</b>	1 hour

<b>Lecturer</b>	Dr. Adel shaker Al-Tamimi
<b>Item</b>	Lecture 18
<b>Subject</b>	Venous disorders
<b>Learning objectives</b>	To understand: <ul style="list-style-type: none"> <li>•Venous anatomy and the physiology of venous return</li> <li>•The pathophysiology of venous disease</li> <li>•The clinical significance and management of varicose veins</li> <li>•Deep venous thrombosis</li> <li>•Venous insufficiency and venous ulceration</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• venous pathophysiology</li> <li>• varicose veins</li> <li>• venous thrombosis</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Adel shaker Al-Tamimi
<b>Item</b>	Lecture 19
<b>Subject</b>	Lymphatic disorders
<b>Learning objectives</b>	To understand: <ul style="list-style-type: none"> <li>•The main functions of the lymphatic system</li> <li>•The development of the lymphatic system</li> <li>•The various causes of limb swelling</li> <li>•The aetiology, clinical features, investigations and treatment of lymphedema</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• lymphatic pathophysiology</li> <li>• acute inflammation of the lymphatics</li> <li>• lymphedema</li> <li>• <b>EBM</b></li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr. Adel shaker Al-Tamimi

<b>Item</b>	Lecture 20
<b>Subject</b>	Surgical ethics and law
<b>Learning objectives</b>	<p>To understand:</p> <ul style="list-style-type: none"> <li>• The importance of autonomy in good surgical practice</li> <li>• The moral and legal boundaries and practical difficulties of informed consent</li> <li>• Good practice in making decisions about the withdrawal of life-sustaining treatment</li> <li>• The importance and boundaries of confidentiality in surgical practice</li> <li>• The importance of appropriate regulation in surgical research</li> <li>• The importance of rigorous training and maintenance of good practice standards</li> </ul>
<b>content</b>	<ul style="list-style-type: none"> <li>• respect for autonomy</li> <li>• informed consent</li> <li>• practical application</li> <li>• matters of life and death</li> <li>• confidentiality</li> </ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	Dr . Rami sabah
<b>Item</b>	Lecture 21
<b>Subject</b>	Patient safety
<b>Learning objectives</b>	<p>To learn:</p> <ul style="list-style-type: none"> <li>• The importance of patient safety and the scale of the problem</li> <li>• Medical errors, their range and definition</li> <li>• Models for understanding how adverse events and near misses occur</li> <li>• Patient safety strategies and solutions</li> <li>• Applying the science of patient safety to practice</li> <li>• Patient safety principles that are specific to the surgeon</li> <li>• Dealing with the ‘second victim’ of a medical</li> </ul>

<b>content</b>	<ul style="list-style-type: none"><li>• the prevalence of adverse healthcare events</li><li>• common causes of adverse healthcare events</li><li>• understanding patient safety incidents</li><li>• strategies for patient safety</li><li>• patient safety at the coalface</li><li>• patient safety and the surgeon</li><li>• caring for the second victim</li></ul>
<b>Time</b>	1 hour
<b>Lecturer</b>	

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
3 <sup>rd</sup> stage	GSU 3207	Surgery	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

## **Teaching and Learning methods**

- lectures
- Upload lecture on the college website
- Educational movies
- Use data show
- Small group discussion with case study and problem based learning .
- Attending the lectures and participating in the discussion groups.

## **Assessment methods**

- Written Examination , formative and summative
- Small group discussion
- reports
- skills activities and log book activity

## **Reference**

- Baiely text book of surgery
- Schwartz text book of surgery

## Examinations description:

Examination	Description
1-Continuous progress test (CPT)	oral examination, quizzes , PBL ,Short answered questions Case report ,homework activity and skills assessment , log book activity
2- Mid theory exam for semester I,II	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
3-Half year theory exam	M.C.Qs. as case sinario or direct question , according bloom and blue print
4- Final year theory exam	M.C.Qs. as case sinario or direct question , according bloom and blue print

**The minimum passing grades (Faculty bylaws) is 50 marks.**

**Re-sit Examinations :- Students who fail in a in the annual year assessment will be required to re-sit (second sitting) the Final theory examination**