1. Course Name
General surgery
2. Semester /year
3. Data this description prepared
2024/9/1
4-Available attendance forms
Lectures
5. Number of study hours (total) / Number of units (total)
2 hours
6-Name of course leader (if more than one name is provided)
Dr. Ahmed Diaa alhussainy
Course objectives

Objectives of the course: To familiarize students with general surgery subjects in terms of dealing with symptoms of trauma, burns, and plastic surgery. As well as dealing with the patient who has been exposed to accidents and injuries, how to treat them surgically, avoiding wound infections after surgery, and avoiding serious complications, as these accidents include head and spine injuries, and how to deal with each injury. The curriculum also includes various removal operations for various organs of the body and prevention before, during and after the surgical operation, including the thyroid gland. And its complications, the pituitary gland and its complications, the adrenal gland, as well as blood diseases and problems such as clotting problems, blood poisoning, and respiratory and digestive system failure. Uterine surgeries, abortions, caesarean sections, and organ transplants from one patient to another	Course objectives

Teaching and learning strategies

Transferable general and qualifying skills (other skills related to employability and personal development) relation of medicine and anesthesia	Strategy

5. Course structure

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1	4	Study the Digestive Tract (GIT) General Review & Surgical Approach	Digestive Tract (GIT) General Review & Surgical Approach	Theoretical and practical lectures	Exam
2	4	study the Salivary glands	Salivary glands	Theoretical and practical lecture	Exam
3	4	Study Tongue And Oral Cavity	Tongue And Oral Cavity	Theoretical and practical lecture	Exam
4	4	Study the oesophagus	oesophagus	Practical and theoretical lecture	Exam
5	4	Study the Stomach & duodenum	Stomach & duodenum	Practical and theoretical lecture	Exam
6	4	Study the Liver	Liver	Practical and theoretical lecture	Exam
7	4	Study the Gall bladder & bile ducts	Gall bladder & bile ducts	Theoretical and practical lecture	Exam

8	4	Study the Spleen & pancreas	Spleen & pancreas	Lectures theoretical and practical cases	Exam
9	4	Study the Small & large intestine	Small & large intestine	Theoretical and practical lecture	Exam
10	4	Study the Intestinal obstruction & fistula	Intestinal obstruction & fistula	Theoretical and practical lecture	Exam
11	4	Study the Vermiform appendix, peritoneum	Vermiform appendix, peritoneum	Theoretical and practical lecture	Exam
12	4	Study the Rectum & anus	Rectum & anus	Theoretical and practical lecture	Exam
13	4	Study the Abdominal wall & Hernia	Abdominal wall & Hernia		Exam
14	4	Study the Breast	Breast	Theoretical and practical lecture	Exam

Course Evaluation

To enrolled the students in hospital, practice more cases more practice

Learning and teaching resources

1-Main references (sources)	Schwarz, Brunner
2-Recommended books and references (scientific journals, reports,)	British medical journal BMJ Attendance to internal Medicine

B - Electronic references, Internet sites...	medicine Health,,, Stanford health care Website. General Surgery Types
1-Main references (sources)	Schwarz, Brunner
2-Recommended books and references (scientific journals, reports,)	British medical journal BMJ Attendance to internal Medicine

1. Course Name
Technology of intensive care unit
2. Semester /year
3. Data this description prepared
2024/9/1
4-Available attendance forms
Lectures
5. Number of study hours (total) / Number of units (total)
2 hours
6-Name of course leader (if more than one name is provided)
Asst.Lect. Alaa Abdul Majeed Hasan Alyasry
Course objectives

Helping female students to take the information in intensive care logically in the following way: 1 - Preparing the student, which lead to an increase in the concentrated reinforcement used ICU Equipment resuscitation of patient. 2- Study of essential principle patient resucitation 3.the study of drugs and emergency condition. 4.study of critical illness and care management.	Course objectives

Teaching and learning strategies

The skills objectives of the course are to understand the ho to deal with different equipment in the ICU	Strategy

5. Course structure

Week	Hours	Required learning outcomes	Teaching method	Evaluation method	
1st	4	ICU organization, design, equipment	Theoretical lecture And practical	Theoretical lectures	Daily exam
2nd	4	Indication for ICU and mechanical ventilation	Theoretical lecture And Practical	Theoretical lecture	Daily exam
3rd	4	Attachment prepare of clinical monitoring in ICU (respiratory monitoring,	theoretical lecture And Practical	Theoretical lectures	Daily exam

		cardiovascular monitoring, hemodynamic and cranial monitoring)			
4th	4	Hypoxia and oxygen therapy (attachment oxygen devices, flow meter central, calculate FiO2)	theoretical lecture and Practical	Theoretical lectures	Daily exam
5th	4	thromboembolism prophylaxis	theoretical lecture and Practical	theoretical lecture	Daily exam
6th	4	HFNC attachment prepare , Noninvasive ventilation indication, modes	theoretical lecture and Practical	theoretical lecture	Daily exam
7th	4	Invasive mechanical ventilation (modes of ventilation, waves)using stimulating programs	Erythrocyte , Hemoglobin and , Anemia. Role of erythropoietin in erythrocyte production	Theoretical and practical lecture	Daily exam
8th	4	Invasive mechanical ventilation (modes of ventilation, waves)using stimulating programs	platelet and WBC	theoretical Lectures and practical cases	Daily exam

9th	4	Invasive mechanical ventilation (modes of ventilation, waves)using stimulating programs	clotting Blood	Theoretical and practical lecture	Daily exam
10th	4	sedation and analgesia in the ICU(calculate and prepare the medication dose and use pump infusion and syringe pump)	Cardiovascular system , heart valve cycle , HR conductive	Theoretical and practical lecture	Daily exam
11th	4	Ventilator-Associated Pneumonia	Heart sound and murmurs, ECG	Theoretical and practical lecture	Daily exam
12th	4	Pneumothorax, hemothorax, tension pneumothorax, chest tube, needle decompression, stress ulcer	Blood Pressure	Theoretical and practical	Daily exam
13th	4	Pneumothorax, hemothorax, tension pneumothorax, chest tube, needle decompression, stress ulcer	Theoretical and practical lecture	Theoretical Lecture	Daily exam

14th	4	weaning	Theoretical and practical lecture	Theoretical Lecture	Daily exam
15st	4	Weaning	Theoretical and practical lecture	Theoretical lectures	Daily exam

Course Evaluation	
To enrolled the students in hospital practice more cases more practice	
Learning and teaching resources	
I.C.U protocol	1-Main references (sources)
Marinos the I.C.U BOOK	2-Recommended books and references (scientific journals, reports,...)
Google Scholar, PubMed	B - Electronic references, Internet ...sites

1. Course Name
Anesthesia
2. Semester /year
3. Data this description prepared
2024/9/1
4-Available attendance forms

Lectures
5. Number of study hours (total) / Number of units (total)
2 hours
6-Name of course leader (if more than one name is provided)
Rasool Faiq Rasool and Mayssa Ragheb Ali
Course objectives

Understanding the preoperative preparation, premedication's, anesthetic agent s of general & regional anesthesia anesthetic approach for different age groups (pediatric, geriatric), specific ane sthetic approach (obstetric, obesity, day case surgery) anesthesia of specific surgery (thoracic, orthopedic, eye, ENT)	Course objectives
Teaching and learning strategies	
Transferable general and qualifying skills (other skills related to employability and personal development) effect of anesthetic agents on different aged group patients.	Strategy

5. Course structure

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1st	6	Understanding preoperative assessment	history, examination and investigation.	Theoretical and practical lectures	Exam
2nd	6	Understanding preoperative	history, examination and	Theoretical and practical	Exam

		assessment	investigation	lecture	
3rd	6	Understanding practical conduction of anesthesia	optimization & planning, prevention of adverse effect,	Theoretical and practical lectures	Exam
4th	6	Understanding practical conduction of anesthesia.	intra-operative position of the patient.	Practical and theoretical lecture	Exam
5th	6	Understanding general anesthesia	premedication, induction, maintenance and recovery	Practical and theoretical lecture	Exam
6th	6	Understanding general anesthesia	premedication, induction, maintenance and recovery	Practical and theoretical lecture	Exam
7th	6	Understanding general anesthesia	premedication, induction, maintenance and recovery	Theoretical and practical lecture	Exam
8th	6	Understanding I.V anesthetic agents	mechanism of action, effects, indications, side effect of each agent	Theoretical and practical lecture	Exam
9th	6	Understanding I.V anesthetic agents	mechanism of action, effects, indications, side	Lectures theoretical and	Exam

			effect of each agent	practical cases	
10th	6	Understanding inhalation anesthetic agents	mechanism of action, effects, indications, side effect of each agent	Theoretical and practical lecture	Exam
11th	6	Understanding regional anesthesia	types & technique of regional anesthesia	Theoretical and practical lecture	Exam
12th	6	Understanding regional anesthesia	types & technique of regional anesthesia	Theoretical and practical lecture	Exam
13th	6	Understanding pediatric anesthesia	physiological change & anesthetic approach for pediatric age group.	Theoretical and practical lecture	Exam
14th	6	Understanding pediatric anesthesia	physiological change & anesthetic approach for pediatric age group.	Theoretical and practical lecture	Exam
14th	6	Understanding obstetric anesthesia	physiological change & anesthetic	Theoretical and practical	Exam

			approach for obstetric patients.	lecture	

Course Evaluation
To enrolled the students in hospital, practice more cases more practice

Learning and teaching resources	
A-Required prescribed books	Principles and practice of anesthesia
1-Main references (sources)	oxford text book of anesthesia
2-Recommended books and references (scientific journals, reports,)	Morgan"s of anesthesia Attendance to anesthesia
B- Electronic references, Internet sites...	anesthesia & analgesia website

Describe curriculum of medicine

4. Name of curriculum
Medicine
5. Course code
6. semester /year
Third stage2025-2024
7. The date
2024/11/5
8. Availability
Official working hours

9. number of studying hours) total /units	
6hr 2 /unit	
10. name of responsible of curriculum	
Saba abdul razzaq Email ;saba.janabii76@gmail.com	
11. aim of curriculum	
• describe the manifestation of chronic disease the students should be able to know the sign & symptoms of the following . 1- Respiratory system . 2- GIT system . 3- GU system . 4- Liver disease . 5- Endocrine disorder	Aim of the curriculum
12. Teaching &learning strategies	
• Lectures • brain storming • guide the students to some scientific website • guide the students to best methods to improve their knowledge abou chronic disease	strategies

1. Course Name

Internal Medicine 2

2. Semester /year

3. Data this description prepared

2024/9/1

4-Available attendance forms

Lectures

5. Number of study hours (total) / Number of units (total)

2 hours

6-Name of course leader (if more than one name is provided)

Ali Fadhel Gail

Course objectives

Understanding the respiratory diseases like asthma ,COPD ,T.B., respiratory failure.pleural effusion, pulmonary embolism and lung cancer	Course objectives

Teaching and learning strategies

Teaching and learning methods explain the aims and objective of lecture give some clinical problems and encourage for seminar presentation by students	Strategy

5. Course structure

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method

1st	5	Asthma,copd	Investigation, diagnosis and treatment	Theoretical and practical lectures	Exam
2nd	5	Pulmonary embolism	Investigation, diagnosis and treatment	Theoretical and practical lecture	Exam
3rd	5	Tuberculosis	Investigation, diagnosis and treatment	Theoretical and practical lectures	Exam
4th	5	respiratory failure	investigation, diagnosis and treatment	Practical and theoretical lecture	Exam
5th	5	Lung cancer	investigation, diagnosis and treatment	Practical and theoretical lecture	Exam
6th	5	Pleural effusion	investigation, diagnosis and treatment		Exam
7th	5	Diabetes mellitus	investigation, diagnosis and treatment	Theoretical and practical lecture	Exam
8th	5	electrolyte disturbance	Ion Treatment	Theoretical and practical lecture	Exam

9th	5	Cushing's syndrome	Investigation, diagnosis and treatment	Lectures theoretical and practical cases	Exam

Course Evaluation

To enrolled the students in hospital, practice more cases more practice

Learning and teaching resources

A-Required prescribed books	Principles and practice of Medicine Davidson
1-Main references (sources)	Harrison text book of Medicine
2-Recommended books and references (scientific journals, reports,)	British medical journal BMJ Attendance to internal Medicine
B - Electronic references, Internet sites...	medicine Health

1. Course Name

Basics anaesthetic equipment II

2. Semester /year

3. Data this description prepared

2024/9/1

4-Available attendance forms

Lectures

5. Number of study hours (total) / Number of units (total)
2 hours

6-Name of course leader (if more than one name is provided)

Dr. Mohanad Ali

Course objectives

- Teaching the course aims to introduce the student to the basics of using and maintaining devices	Course objectives

Teaching and learning strategies

At the end of the year, the student should be able to: - 1- Identify the basics of how anesthesia machines work. 2- Dealing with all patient monitoring devices. 3- Maintaining and maintaining anesthesia and monitoring equipment. 4- Knowledge of modern technologies used in anesthesia devices	Strategy

5. Course structure

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1-5	20	Airway Management Devices: .	Understand types, indications, and insertion techniques of supraglottic airway devices and	• Use the smart screen • Devices and equipmen	-Oral exam -Daily exams -Semester exams and the end of the course

			alternatives	t available in the classroom and laborator y	
6-8	12	Endotracheal Tubes for Special Purpose: .	Identify special-purpose endotracheal tubes and their roles in complex airway management scenarios	• Use the smart screen Devices and equipment available in the classroom and laboratory	-Oral exam -Daily exams -Semester exams and the end of the course
9-11	12	Laryngoscope Modification & Intubation Aids: .	Explore laryngoscope advancements and tools facilitating routine and emergency airway intubation	• Use the smart screen • Devices and equipmen t available in the classand laborator y	-Oral exam -Daily exams -Semester exams and the end of the course
12-14	12	**Humidifier and Nebulizer – Definition & Importance:**.	Explain the role of humidification in respiratory care and define related devices	• Use the smart screen • Devices and equipmen t available in the	-Oral exam -Daily exams -Semester exams and the end of the course

				classroom and laboratory	
15	4h	**Medical Suction Apparatus:**	Understand components, selection criteria, standards, and testing of medical suction equipment.	• Use the smart screen • Devices and equipment available in the classroom and laboratory	-Oral exam -Daily exams -Semester exams and the end of the course

Course Evaluation

Establish workshops in private and governmental hospital to deal with actual cases

Learning and teaching resources

A-Required prescribed books	Anesthesia equipment, principle and application, Jan Ehrenwerth, MD 3rd edition
1-Main references (sources)	The MGH Textbook of Anesthetic Equipment, Warren S. Sandberg, MD, PhD 2nd edition
2-Recommended books and references (scientific journals, reports,...)	Relevant scientific journals
B - Electronic references, Internet	Pumped , google scholar

sites...	

1. Course Name
Computer Principles 2
2. Semester /year
3. Data this description prepared
2024/9/1
4-Available attendance forms
Lectures
5. Number of study hours (total) / Number of units (total)
2 hours
6-Name of course leader (if more than one name is provided)
Asst.Lect. Muhammad Ghazi khassaf
Course objectives

Providing the student with knowledge in managing and using various .computer applications Course outcomes and teaching, learning and evaluation methods 1-The ability to analyze and apply what you have learned practically on the calculator 2-The evaluation should be done by presenting the material to the students in the laboratory and then applying it	Course objectives

Teaching and learning strategies	
1-Training the student how to use the computer in a manner compatible with his cultural level 2-Directing the student how to deal with social sites	Strategy

5. Course structure

Evaluation method	Teaching method	Name of the unit/topic	Required learning outcomes	Hours	Week
Daily participation and monthly exams	Practical, theoretical	The statistical program SPSS, the concept of the program, its operation, steps of data analysis		3	st1
Daily participation and monthly exams	Practical, theoretical	Identify the components of the main screen, enter data, save and retrieve data		3	2nd
Questions and discussions	Practical, theoretical	Sorting and altering data, determining the statistical procedure, how to insert a variable or case, merging files, analysis		3	3rd
Questions and discussions	Practical, theoretical	Identify the statistical summary of the given data and benefit from the data it provides in exploring data or reports for columns or rows.		3	4th
Questions and discussions	Practical, theoretical	Comparing averages, comparing variables Conduct some nonparametric tests such as chi square		3	th5
Questions and discussions	Practical, theoretical	Quality control panel applications		3	6th
Questions and discussions	Practical, theoretical	Dealing with charts		3	7th
Questions and discussions	Practical, theoretical	Handling orders: Summarize (cross tabs) , custom tables (Basic tables), Anova Models (one - way), non		3	8th

		parametic methods (one sample, two sample, independent, two samples related, several samples independent, several sample related).			
Questions and discussions	Practical, theoretical	Human body encyclopedia program with its details		3	9th
Questions and discussions	Practical, theoretical	Identify the vocabulary of the human body and benefit from the presentation methods it provides		3	10th

Course Evaluation

Using explanatory videos, raising questions, clarifying correct answers, and correcting incorrect ones to benefit from mistakes so that they are not repeated in the future, in addition to organizing classroom participation for dialogue between students using useful phrases and sentences within the framework of scientific and methodological specialization.

Learning and teaching resources

Required prescribed books	
Main references (sources)	
Recommended books and references (scientific journals, reports,...)	
Electronic references, Internet sites...	