Course description form

Teacher's Name Dr. Ameer Abbas Jebor

Course Name Anesthesia

Course Description

This academic program description provides a brief summary of the most important characteristics of the program and the learning outcomes expected of the student to achieve, proving whether he or she has made the most of the available opportunities.

1-Educational institution	Al Zahraa University of women College of health Technology
2-Scientific Department/Center	Anesthesia department
3-Course name/code	Anesthesia Theoretical and Practical lectures
4-Available attendance forms	Lectures
5-Semester/year	First Semester 2023-2024
6-Number of study hours (total)	6
7-Date this description was prepared	25-11-2023
8-Course objectives	1- Introducing the student to how to administer anesthesia doses 2- How to administer anesthesia for some special cases 3- Dealing with complications that occur before, during and after anesthesia 4- Identify ways to care for the patient when emergency situations occur during anesthesia

	5- The possibility of continuous monitoring of the patient inside the operating theaters in a focused manner 6- Identifying the important symptoms and signs that occur during anesthesia that indicate the presence of an abnormality

9-Course outcomes and teaching, learning and evaluation methods

1- How to administer anesthesia for some special cases
2- Dealing with complications that occur before, during and after anesthesia
3- Learn about ways to care for the patient when emergency situations occur during anesthesia
4- The possibility of continuous monitoring of the patient inside the operating theaters in a focused manner

5- Identifying the important symptoms and signs that occur during anesthesia that indicate the presence of an abnormality

B - The skills objectives of the course

1- The possibility of continuous monitoring of the patient inside the operating theaters in a focused manner
2- Identifying the important symptoms and signs that occur during anesthesia that indicate the presence of an abnormality
3- Mastering tracheal intubation operations
4- Mastering intravenous catheterization operations
5- Writing scientific research and reports.

C- Emotional and value goals

1- make the student aware of the responsibility of his future job

2 Communicating scientific and practical ideas in a way that is understandable to the student

3 Preparing students capable of working within various health and medical institutions

Teaching and learning methods

1- Teaching and learning methods
2- Managing the lecture in an applied manner linked to the reality of daily life to attract the student to the topic of the lesson without straying from the core of the topic so that the material is flexible and amenable to understanding and analysis.
3- Assigning students to some group activities and assignments and writing self-reports
4- Allocating a percentage of the grade to daily assignments and exams

Evaluation methods

The student bears responsibility. Active participation in the classroom is evidence of commitment

Commitment to the specified dates for conducting assignments and research

Monthly and quarterly exams reflect commitment and achievement of knowledge and skills

Transferable general and qualifying skills (other skills related to employability and personal -.(development

Discussing different medical conditions and finding appropriate treatments for them 1

Through it, students can link the study subjects together, ask brainstorming questions, and link them to the correct reality.

Theoretical syllabus

Assessment method	Learning method	Subject name	Hours	The week
Quizzes, discussion	Theoretical and Practical	Maternal Anatomical & physiological changes	6	1st
Quizzes, discussion	Theoretical and Practical	Paediatric Anatomical & Physiological differences	6	2nd
Quizzes, discussion	Theoretical and Practical	Geriatric Anatomical & Physiological changes	6	3rd

Quizzes, discussion	Theoretical and Practical	Anaesthesia-Effects on Respiratory function	6	4rd
Quizzes, discussion	Theoretical and Practical	Endotracheal intubation-difficult intubation	6	5th
Quizzes, discussion	Theoretical and Practical	Positioning in anaesthesia , legal point about surgery, regent surgery, emergency surgery	6	6th
Quizzes, discussion	Theoretical and Practical	Hypoxia during surgery and post operative legal point about pre-medical visit & physicians consultations	6	7
Quizzes, discussion	Theoretical and Practical	Co2 changes “ Hypercapnoea” “ Hypocapnoea” Applications	6	8
Quizzes, discussion	Theoretical and Practical	Desirabie ventilator characteristics	6	9
Quizzes, discussion	Theoretical and Practical	Obesity & Anaesthesia	6	10
Quizzes, discussion	Theoretical and Practical	Alcohol & Anaesthesia	6	11
Quizzes, discussion	Theoretical and Practical	Renal Disease & Anaesthesia	6	12
Quizzes,	Theoretical and	Liver Disease & Anaesthesia	6	13

discussion	Practical			
Quizzes, discussion	Theoretical and Practical	Anaemia & Anaesthesia, Sickle Cell Anaemia	6	14
Quizzes, discussion	Theoretical and Practical	Gastric Acid Aspiration syndrome, pre-eclampsia	6	15
Quizzes, discussion	Theoretical and Practical	Coronary artery diseases in non- cardiac surgery	6	16
Quizzes, discussion	Theoretical and Practical	Hypertension, Atherosclerosis, Heart failure, old	6	17
Quizzes, discussion	Theoretical and Practical	Valvular lesions & Anaesthesia, General note about open heart surgery	6	18
Quizzes, discussion	Theoretical and Practical	One lung anaesthesia, Bronchoscopy	6	19
Quizzes, discussion	Theoretical and Practical	Diabetes Mellitus & Anaesthesia	6	20
Quizzes, discussion	Theoretical and Practical	Thyroid surgery & Anaesthesia, Pheochromocytoma	6	21
Quizzes, discussion	Theoretical and Practical	T.U.R.P, Pyloric stenosis, Burns	6	22
Quizzes, discussion	Theoretical and Practical	Upper air way obstruction causes & anaesthesia	6	23

Quizzes, discussion	Theoretical and Practical	Massive blood transfusion	6	24
Quizzes, discussion	Theoretical and Practical	Control of I.c.p, Head injury, Air embolism and emergency	6	25
Quizzes, discussion	Theoretical and Practical	Criteria for brain death, General notes about neuroanaesthesia	6	26
Quizzes, discussion	Theoretical and Practical	Day clinic , Dental Anaesthesia	6	27
Quizzes, discussion	Theoretical and Practical	Techniques of local analgesia Indication,contraindication, upper limb problems, lower limb problems, toxic reaction	6	28
Quizzes, discussion	Theoretical and Practical	Shock syndrome & Anaesthesia in general	6	29
Quizzes, discussion	Theoretical and Practical	Hypersensitivity reactions & Anaesthesia in general	6	30

10- Infrastructures	
A-Required prescribed books	Morgan, oxford
1-Main references (sources)	Morgan, oxford

2-Recommended books and references (scientific journals, reports,)	Google Scholar, PubMed, up-to-date
B - Electronic references, Internet ...sites	Google Scholar, PubMed, up-to-date

11- Course development plan
1 To enrolled the students in hospital practice more cases more practice 2 Making an amendment to the study plan so that the curriculum is intended for female students in the Department of Anesthesiology and linking the concepts Department specialization

Course description form

Teacher's Name: -Dr.lec. Ameer Abbas Jebor

Ass. lec. Afrah Farhan Khait

Course Name: - Basics anaesthetic equipment 3 (theoretical + practical), Fourth stage

Course Description

The student should be able to know the anesthesia devices, the tools used, and how to operate them and use them correctly

1-Educational institution	University of Alzahraa for Women
2-Scientific Department/Center	Anesthesia techniques
3-Course name/code	Basics anaesthetic equipment 3 (theoretical + practical), fourth stage
4-Available attendance forms	Classroom attendance
5-Semester/year	Semester system
6-Number of study hours (total)	120 hours
7-Date this description was prepared	2025/3/14
8-Course objectives	Teaching the course aims to introduce the student to the basics of using and maintaining devices

9-Course outcomes and teaching, learning and evaluation methods
A- Cognitive objectives

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

B - The skills objectives of the course

At the end of the year, the student should be able to:

1 - Identify the sources of pollution in operating theaters and methods of treating them.

2 - Able to deal with methods of sterilizing and maintaining some devices used in anesthesia.

3 - Able to know the basis of work, problems, and methods of using equipment and methods in anesthesia operating rooms, include, but are not limited to, a suction device, defibrillator, devices to monitor the patient’s vital functions, and laser.

C- Emotional and value goals

1- We aim to create a conscious, educated generation

2- Raising awareness of the importance of the specialty in the safety and protection of patients

3- Encouragement to work in the spirit of one team

4- We aim to instill a spirit of cooperation among students
D - Transferable general and qualifying skills (other skills related to employability and personal development) 1 - Creating a generation experienced in using advanced and modern devices and familiar with all their details 2 - Preparing students through seminars and creating own research
Teaching and learning methods 1-Asking questions about the lecture topic or from a previous lecture related to the same lecture topic 2- Practical application of the equipment available in the laboratory
Evaluation methods 1- Conducting periodic exams for female students for every one or two lectures 2- Surprising questions while explaining the lecture and recording this in the students' evaluation record 3- Conducting daily, quarterly and final exams

10- Structure of the course /Theoretical syllabus

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1st 2nd	8h	Learn how devices work	Physiological monitoring:	• Use the smart	-Oral exam -Daily exams -Semester

		to monitor oxygen saturation, carbon dioxide concentration, inhalational gas concentrations, and inhaled oxygen concentration.	gases, inspired O2 concentration, CO2 and volatile anaesthetic agent	screen • Devices and equipment available in the classroom and laboratory	exams and the end of the course
3rd 4th	8h	Knowing how respiratory volume measuring devices work, knowing how to draw, read, and how a blood gas measuring machine works	Measurement of respiratory volume, measurement of gases in blood	• 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
5th 6th	8h	Knowledge the basis of information collection devices, along with knowledge of the importance of collecting and preserving patient medical	Automatic record keeping, advantage and equipment's for automatic record	• 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

		information			
7th8th	8h	Knowing the severity of pollution in the operating room, ways to reduce it and the risks resulting from it	Atmospheric pollution, measurement and control of pollution, scavenging system	• 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
9th 10th	8h	Knowing the parts and how the suction device works and how to do the maintenance	Medical suction apparatus, component, choice, standard and testing	• 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
11th12th	8h	Knowledge of cleaning, disinfection, and sterilization methods for medical devices	Cleaning and sterilization: decontamination, disinfection and sterilization	• 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
13th 14th	8h	checking, and maintaining	Check list and treatment of	• Use the smart	-Oral exam -Daily exams -Semester

		the anesthesia administration device	anaesthetic machine	screen • Devices and equipment available in the classroom and laboratory	exams and the end of the course
15th 16th	8h	Knowing how electric current works, its dangers, and preventing electrical hazards	Electrical hazard and their prevention, and accident associated with main electrical supply	• 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
17th 18th	8h	Knowing how the electric diathermy works and the risks resulting from it	Surgical diathermy, accident due to use of ,diathermy	• 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
19th 20th	8h	Knowing how defibrillators and pacemakers work and how they interfere with	Defibrillator and pacemaker	• Use the smart screen • Devices and equipment available in the	-Oral exam -Daily exams -Semester exams and the end of the course

		anesthesia		classroom and laboratory	
21st 22nd	8h	Know the basics of how laser devices work and their components	Laser: principle and clinical application of laser, and safety spectrum	• 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
23rd 24th	8h	Knowing the basics of how the devices used during MRI work, knowing how the urine collection device works, and the peripheral nerve stimulator device	Equipment for MRI anesthesia, and miscellaneous equipment in anesthesia(urine output equipment, peripheral nerve stimulator)	• 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
25th 26th	8h	Knowledge of the electronic systems in the ventilator and their accidents	Electronics in anaesthetic machine, ergonomics and critical incident, electronic control of breathing system	• Use the smart screen • Devices and equipment available in the classroom and	-Oral exam -Daily exams -Semester exams and the end of the course

				laboratory	
27th 28th	8h	Know the potential risks of medical devices and prevent them	Risk management: principles of risk management, risk reduction related to 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
29th 30th	8h	Know how to maintain different anesthesia devices	Maintenance of equipment's	• 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

10- Infrastructures	
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 sites	Pumped , google scholar

11- Course development plan
Establish workshops in private and governmental hospital to deal with actual cases

Course description form

:Teacher's Name: dr. Ali Jassim Muhmmed

Course Name: Medicine and surgery

Course Description :

This academic program description provides a brief summary of the most important characteristics of the program and the learning outcomes expected of the student to achieve, proving whether he or she has made the most of the available opportunities

1-Educational institution	Al Zahraa University of women College of health Technology
2-Scientific Department/Center	Anesthesia department
3-Course name/code	General surgery/ medicine theoretical and practical lectures

4-Available attendance forms	Full time attendance
5-Semester/year	Semester
6-Number of study hours (total)	4hour
7-Date this description was prepared	1/12/2024
8-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

9-Course outcomes and teaching, learning and evaluation methods Understanding clinical features causes of diseases diagnosis with investigation and outline the management
A- Cognitive objectives clinical problems solving
B - The skills objectives of the course understand the differential diagnosis and how to deal with critical cases

C- Emotional and value goals make the student aware of the responsibility of his future job
D - Transferable general and qualifying skills (other skills related to employability and personal development) relation of medicine and anesthesia
Teaching and learning methods explain the aims and objective of lecture give some clinical problems and encourage for seminar presentation by students
Evaluation methods by different examination in same lecture and in monthly time

10- Structure of the course /Theoretical syllabus

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1st	5	Understanding about shock	Shock	Theoretical and practical lectures	Quiz
2nd	5	Understanding about degree of burn Complication	Burn	Theoretical and practical lecture	Quiz

3rd	5	Understanding about type of plastic surgery	Plastic surgery	Theoretical and practical lectures	Quiz
4th	5	Understanding about patient accident. complication, management	Traumatology	Practical and theoretical lecture	Quiz
5th	5	Understanding about head injuries, type, complication, management	Head injury	Practical and theoretical lecture	Quiz
6th	5	Understanding about spinal injury, complication, management	Spinal injury	Practical and theoretical lecture	Quiz
7th	5	Understanding about ear, nose, pharynx (disease, symptoms. management)	otolaryngology	Theoretical and practical lecture	Quiz
8	5	Understanding about bone surgery and management, dislocation	Orthopedic Surgery:	Lectures theoretical and practical cases	Quiz
9	5	Understanding about Osteomyelitis: Acute & Chronic	Osteomyelitis, tumors	Theoretical and practical lecture	Quiz
10	5	Understanding about amputation	Amputation	Theoretical and practical lecture	Quiz
11	5	Understanding about thyroid gland	Endocrinology	Theoretical	Quiz

		(location, disease, complication, management		and practical lecture	
12	5	Understanding about pituitary gland (location, disease, complication,	Endocrinology	Theoretical and practical lecture	Quiz
13	5	Understanding about adrenal gland	Endocrinology	Theoretical and practical lecture	Quiz
14	5	Understanding about jaundice	obstructive jaundice	Theoretical and practical lecture	Quiz
15	5	D M, complication	D M	Theoretical and practical lecture	Quiz
16	5	Understanding Preparation of patient with portal hypertension	Portal hypertension due to cirrhosis	Theoretical and practical lecture	Quiz
17	5	Understanding patient with hematemesis	hematemesis,	Theoretical and practical lecture	Quiz
18	5	Management of respiratory failure,	Respiratory failure	Theoretical and practical lecture	Quiz
19	5	Management of coagulopathy,	Coagulopathy	Theoretical and practical	Quiz

				lecture	
20	5	Management of septicaemia,	Septicemia	Theoretical and practical lecture	Quiz
21	5	Abortion, Caesarean section, hysterectomy	emergency	Theoretical and practical lecture	Quiz
22	5	Patient in ICU	Icu	Theoretical and practical lecture	Quiz
23	2	Understanding with transplantation	Transplantation	Theoretical and practical lecture	
24	2	New Techniques in Surgery	New Techniques in Surgery	Theoretical and practical lecture	
25	2	Emergencies in Female's genital tract:	Ectopic Prenancy	Theoretical and practical lecture	
26	2	Drain after surgery	Drain	Theoretical	

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	e medicine Health,,, Stanford health care Website. General Surgery Types

11- Course development plan
To enrolled the students in hospital, practice more cases more practice

Course description form
Teacher's Name: M.SC. Muhaned Ali
Course Name: technology of intensive care unit
Course: technology of intensive care unit at al Zahra university of women.

This academic program description provides a brief summary of the most important characteristics of the program and the learning outcomes expected of the student to achieve, proving whether he or she has made the most of the available opportunities.

1-Educational institution	Al Zahraa University of women College of health Technology
2-Scientific Department/Center	Anesthesia department
3-Course name/code	the technology of intensive care unit theoretical and practical lectures

4-Available attendance forms	Full-time attendance
5-Semester/year	Semester
6-Number of study hours (total)	6 h
7-Date this description was prepared	23/11/2024

8-Course objectives

the Objectives of the course: To 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 in the resuscitation of patient.

2- Study of essential principal patient resuscitation

3.the study of drugs and emergency condition.

4.study of critical illness and care management.

9-Course outcomes and teaching, learning and evaluation methods The critical illness and management
A- Cognitive objectives clinical problems solving
B - The skills objectives of the course are to understand the how to deal with different equipment in the ICU
C- Emotional and value goals make the student aware of the responsibility of his future job
D - Transferable general and qualifying skills (other skills related to employability and personal development)relation of medicine and anesthesia
Teaching and learning methods explain the aims and objective of lecture give some clinical problems and encourage for seminar presentation by students

Evaluation methods by different examination in same lecture and in monthly time.

10 - Structure of the course / Theoretical syllabus

The Week	Required learning outcomes	Hours	Teaching method	Method evaluation
1 st	Recognition and management of critically ill patient.	4	Theoretical and Practical	Discussion and questions and exam
2nd	Recognition and management of critically ill patient.	4	Theoretical and Practical	Discussion and questions and exam
3rd	Defibrillator	4	Theoretical and practical	Discussion and questions and exam
4th	Defibrillator	4	Theoretical and practical lectures	Discussion and questions and exam
5th	Defibrillator	4	Theoretical and practical lectures	Discussion and questions and exam
6th	Aims and classification monitoring of patients	4	Theoretical and practical lectures	Discussion and questions and exam

7th	Aims and classification monitoring of patients	4	theoretic al and practical cases	Discussion and questions and exam
8	E.C.G monitors attached to patient	4	theoretical and practical cases	Discussion and questions and exam
9	E.C.G monitors attached to patient	4	theoretical and practical cases	Discussion and questions and exam
10	E.C.G monitors attached to patient	4	Theoretical and practical	Discussion and questions and exam
11	Monitors in central monitoring station	4	Theoretical and practical	Discussion and questions and exam
12	Monitors in central monitoring station	4	Theoretical and practical	Discussion and questions and exam
13	Monitors in central monitoring station	4	Theoretical and practical	Discussion and questions and exam
14	Blood transfusion	4	Theoretical and practical	Discussion and questions and exam
15	Blood transfusion	4	Theoretical and practical	Discussion and questions and exam
16	Fluids management	4	Theoretical and practical	Discussion and questions and exam
17	Fluids management	4	Theoretical and practical	Discussion and questions and exam

18	Type of shock	4	Theoretical and practical	Discussion and questions and exam
19	Type of shock	4	Theoretical and practical	Discussion and questions and exam
20	Electrolyte disorder	4	Theoretical and practical	Discussion and questions and exam
21	Electrolyte disorder	4	Theoretical and practical	Discussion and questions and exam
22	ECG	4	Theoretical and practical	Discussion and questions and exam
23	ECG	4	Theoretical and practical	Discussion and questions and exam
24	Alarm system and devices	4	Theoretical and practical	Discussion and questions and exam
25	Alarm system and devices	4	Theoretical and practical	Discussion and questions and exam
26	Acid-base disorder	4	Theoretical and practical	Discussion and questions and exam
27	O2 regulation	4	Theoretical and practical	Discussion and questions and exam
28	O2 regulation	4	Theoretical and practical	Discussion and questions and exam
29	Record device	4	Theoretical and practical	Discussion and questions and exam

30	Record device	4	Theoretical and practical	Discussion and questions and exam

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

English Language Course - Fourth Stage

Course Description

Course Name: English Language
Department: Anesthesia Technology
Stage: Fourth
Semester/Year: 2024-2025
Units: 2 Units / 30 Hours
Instructor: Asst. Lect. Zahraa Hameed Jabir

Course Objectives

- Introduce students to the general concept of the English language.
- Highlight the importance of English in the modern world.
- Develop reading and speaking skills in English.
- Enhance the ability to use English in academic and social contexts.

Teaching and Learning Strategies

- Theoretical lectures.
- Asking questions and eliciting responses.
- Guiding students to useful online resources.
- Improving language skills through exercises and discussions.

Course Structure

Week	Topic	Assessment Method
1	Auxiliary verbs and their uses	General questions / Daily quizzes / Semester exams
2	English tenses	General questions / Daily quizzes / Semester exams
3	Reading and speaking: Saviour of the World	General questions / Daily quizzes / Semester exams
4	Present Perfect – Simple and Continuous	General questions / Daily quizzes / Semester exams
5	Simple Past and Present Perfect	General questions / Daily quizzes / Semester exams
6	Forming and using questions in academic and social settings	General questions / Daily quizzes / Semester exams
7	Introduction to modal auxiliary verbs	General questions / Daily quizzes / Semester exams
8	Future tense and its uses	General questions / Daily quizzes / Semester exams
9	Expressing habits using Present Simple and Continuous	General questions / Daily quizzes / Semester exams
10	Conditional sentences in English	General questions / Daily quizzes / Semester exams
11	Determiners in English	General questions / Daily quizzes / Semester exams
12	Academic writing skills: CV and Cover Letter	General questions / Daily quizzes / Semester exams

Course Assessment

The course evaluation is based on student tasks such as:
- Daily preparation
- Daily and oral quizzes
- Semester exams
- Reports and research

Learning and Teaching Resources

- Prescribed Textbook: Headway Book
- Scientific Journals: Research Gate
- Online Resources: British Council

Course description form

Teacher's Name: **MSc. Fatima Raheem Abd**

Course Name: **Professional ethics**

Course Description

The course description provides a necessary summary of the importance of professional ethics and links it to the course and the learning outcomes that the student is expected to achieve in order to make the most of the available learning opportunities and be knowledgeable in his field of specialization to deal with patients in accordance with the requirements of professional

1-Educational institution	Al-Zahraa University for Women
2-Scientific Department/Center	Anesthesia techniques
3-Course name/code	Professional ethics
4-Available attendance forms	Official working hours / attendance
5-Semester/year	Annual system
6-Number of study hours (total)	Two hours a week
7-Date this description was prepared	2 /11/2024
8-Course objectives	The course aims to introduce professional ethics according to their technical specialization and provide them with professional ethical rules that enhance their commitment to them, in their expected field of work after graduation.

9-Course outcomes and teaching, learning and evaluation methods

A- Cognitive objectives

1. Learn about professional ethics and the values that must be characterized by providing health care to patients

2. You learn about work, its importance, and the standards that must be followed during work time

3. Identify the most important unethical patterns in health institutions and eliminate them while practicing the profession

4. You learn about the medical technician's relationship with society and his responsibility towards the environment and public safety by adhering to the basic rules of the profession to prevent the spread of epidemics and diseases, as well as the importance of his role in spreading health awareness and ways to prevent the spread

of diseases.
B - The skills objectives of the course 1. The rules reflect the duties that a medical technician must have towards his profession, the patient, and society. 2. Acquiring the ethics of teaching and learning with patients. 3. Acquiring the skills, means and methods of consolidating the values of professional ethics
C- Emotional and value goals 1. Opening the door to dialogue between the professor and the students. 2. The student knows how to discuss constructively and objectively by asking scientific questions 3. Adopting the oral examination method after the end of the lecture or before starting the lecture
D - Transferable general and qualifying skills (other skills related to employability and persona development) 1. Using wood to display the material. 2. Use pre-prepared files with some exercises to test the extent to which students receive information related to the course. 3. Showing medical videos that include interviews within the student's specialty. 4. Involving all female students in classroom participation by preparing oral dialogues within their specialization. 5. Using smart screens for the purpose of solving some exercises by the teacher with the participation of the female students
Teaching and learning methods 1. Using theoretical lectures in college classrooms 2. Watch videos to teach the student in person. 3. Teaching the student, the concepts of professional ethics, in addition to adopting additional sources to enrich the lectures with modern concepts
Evaluation methods 1. Monthly and final exams, in addition to evaluating oral dialogue between students

2. Active attendance and daily participation.

10- Structure of the course /Theoretical syllabus

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1st	2	The student's knowledge of the scientific subject and awareness of scientific, intellectual and professional skills	**Moral** •The concept of morality and its origin •General rules of ethics • Sources of ethics	1.In-person education .2. Use the screen 3. Videos explaining some of the medical technician's duties towards his profession 4. Use the discussion method and ask some questions during the course of the lecture	Participation, daily tests and monthly exams
2nd	2	=	**Moral** •Moral values • The importance of ethics for the individual and society	=	=
3rd	2	=	**Work and profession**	=	=

4th	2	=	**Professional ethics**	=	=
5th	2	=	**Values and ethics of the profession** •honesty •Honesty •Advice	=	=
6th	2	=	**Values and ethics of the profession** • Justice • Behavior • Perfection of work	=	=
7th	2	=	**Patterns of unethical behavior in the profession** • Administrative corruption • Bribery	=	=
8th	2	=	**Patterns of unethical behavior in the profession** •Bribery •Cheating	=	=
9th	2	=	**Means and methods of**	=	=

			consolidating the values of professional ethics •Method of consolidating professional ethics •Levels of building and consolidating professional ethics •Means and methods of consolidating professional ethics		
10th	2	=	**Means and methods of consolidating the values of professional ethics** •Things that must be taken into consideration in formulating the ethical code of the profession •How to promote ethical behavior at work according to (Kreitner and Kinke)	=	=
11th	2	=	**Ethics of practicing medical professions**	=	=

			•Characteristics and prescriptions of the medical technician •The duties of the medical technician towards his profession, the patient, and society		
12th	2	=	**Ethics of practicing medical professions** •Patient rights	=	=
13	2	=	**Ethics of practicing medical professions** • The medical technician's relationship with society and his responsibility towards the environment and public safety	=	=
14	2	=	**Ethics of practicing medical professions**	=	=

			• Professional relationship		
15	2	=	**Ethics of practicing medical professions** • Ethics of teaching and learning about patients	=	=

10- **Infrastructures**	
A-Required prescribed books	• Doherty, R. F. (2020). *Ethical dimensions in the health professions-e-book*. Elsevier Health Sciences.
1-Main references (sources)	• Robinson, S., & Doody, O. (2021). *Nursing & Healthcare Ethics-E-Book*. Elsevier Health Sciences. • Runciman, B., Merry, A., & Walton, M. (2017). *Safety and ethics in healthcare: a guide to getting it right*. CRC Press. Hall, M. A., Orentlicher, D., Bobinski, M. A., Bagley, N., & Cohen, I. G. (2018). *Health care law and ethics*. Aspen Publishing.
2-Recommended books and references (scientific journals, reports,)	• Hester, D. M., & Schonfeld, T. L. (Eds.). (2022). Guidance for healthcare ethics committees. Cambridge University Press.
B - Electronic references, Internet ...sites	• Smart patient • Mayo clinic • Google scholar

11- Course development plan
•Adopting a study plan that takes into account the academic accreditation standards for the specialization. •Working to update the curriculum to keep pace with the development of curricula and the rapid progress and rapid boom in science and scientific research. •The programmed pursuit of reaching the frontiers of science through contact with reputable universities and cultural exchange at the level of research, visits or cultural exchange, gaining experience and theoretical knowledge of science. •Using modern methods to develop the student's abilities

Course description form

Teacher's Name: Assistant Lecture. Fatima Raheem Abd

Course Name: Nursing

Course Description

This course description provides a necessary summary of the most important characteristics of the course, which are represented by the most important concepts and ideas related to the nursing subject and the learning outcomes expected of the student that enable him to identify the scientific and practical basis in the foundations of nursing and the professional practices that the student will benefit from in providing nursing care to the individual, the family, and society. For different ages and medical conditions. Which emphasizes case study-based learning.

1-Educational institution	Al-Zahraa University for Women
2-Scientific Department/Center	Anesthesia
3-Course name/code	Nursing

4-Available attendance forms	Official working hours / attendance
5-Semester/year	Annual system
6-Number of study hours (total)	One hours theoretical+ Four hours practical = Five Hours
7-Date this description was prepared	2/11/2024
8-Course objectives	**General objectives**: a. Identify the principle upon which all nursing intervention procedures related to providing care to the patient are based. b. Apply a structured approach to analyzing patient problems. c. Use a structured approach to analyze health problems. d. Perform basic nursing skills related to different patient conditions. e. Utilize principles of medical/surgical asepsis and universal precautions to prevent cross-infection when caring for patients.

9-**Course outcomes and teaching, learning and evaluation methods**
A-**Cognitive objectives**: Knowledge and understanding - Determine nursing intervention procedures - Describe a systematic approach to analyzing the patient's problems - Describe basic nursing skills related to different patient conditions - Determine the principles of medical/surgical sterilization and general precautions
B - **The skills objectives of the course**: Subject-specific skills - A structured approach to analyzing the patient's problems - Nursing intervention procedures - Basic nursing skills related to different patient conditions
C- **Emotional and value goals** 1. Opening the door to dialogue between the professor and the students.

2. The student knows how to discuss constructively and objectively by asking scientific questions 3. Adopting the oral examination method after the end of the lecture or before starting the lecture Opening the door to dialogue between the professor and the students
D - **Transferable general and qualifying skills (other skills related to employability and personal development)** 1. Use PowerPoint and Word to present the material. 2.Use pre-prepared files with some exercises to test the students' understanding of the information related to the course. 3. Showing medical videos that include interviews within the student's specialty. 4. Involving all female students in classroom participation by preparing oral dialogues within their specialization. 5.Using smart screens for the purpose of solving some exercises by the teacher with the participation of the female students
Teaching and learning methods: .Smart screen Whiteboard Educational posters Educational videos Electronic lecture Nursing skills laboratory
Evaluation methods Theoretical exam. Practical exam. Homework Daily exams Reports Participation in lectures Skills and speed of completing tasks

10- Structure of the course /Theoretical syllabus

The Week	Hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1	1+4	The student's knowledge of the scientific subject and awareness of scientific, intellectual and professional skills	Introduction about nursing	▪ Smart board ▪ Posters ▪ Lecture ▪ Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam ▪ Classroom activities

2	1+4	Knowledge and awareness of the scientific, mental, and professional skills related to the nursing process	Concept of nursing process &stages	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
3-4	1+4	Knowledge and awareness of the scientific, mental and professional skills in pre-surgical assessment	Preoperative nursing management &general physical assessment	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
5-6	1+4	Knowledge and awareness of the patient's scientific, mental, and professional skills before surgery	Pre-anesthetic, intra-anesthetic and post - anesthetic management of the patient	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
7-9	1+4	Knowledge and awareness of the patient's scientific, mental, and professional skills during the operation	Intraoperative nursing management	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
10-12	1+4	Knowing and understanding the scientific, mental, and professional skills of the patient in the recovery room	Nursing care in the recovery room	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
13-14	1+4	Knowledge and awareness of the	Postoperative	▪ Smart board ▪ Posters	▪ Theoretical exam. ▪ Practical exam

		scientific, mental and professional skills to care for the patient after surgery	nursing care	▪ Lecture Nursing skills laboratory	Classroom activities
15-17	1+4	Knowledge and awareness of the scientific, mental, and professional skills to care for the patient in the cardiac care unit	Management of the patient in the cardiac care unit	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
18-19	1+4	Knowledge and awareness of the patient's scientific, mental, and professional skills during cardiovascular operations	Management of the cardiovascular surgery patient	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
20-21	1+4	Knowledge and awareness of the scientific, mental and professional skills of patients treated with intravenous infusion	Nursing management of intravenous therapy	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
22-23	1+4	Knowledge and awareness of the scientific, mental and professional skills of patients with neurological diseases	Management of patient with neurology disfunction (unconscious patient)	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
24-25	1+4	Knowledge and awareness of skills for a patient who suffers from muscle	Management of patient with musculo-skeletal dis-	▪ Smart board ▪ Posters ▪ Lecture	▪ Theoretical exam. ▪ Practical exam Classroom

		and skeletal dysfunction, trauma and fractures	function &trauma, fracture	Nursing skills laboratory	activities
26-27	1+4	Knowledge and awareness of the scientific, mental, and professional skills related to caring for critically ill patients	Critical care of some case	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities
28-30	1+4	Knowledge and awareness of the scientific, mental and professional skills related to first aid	First Aid	▪ Smart board ▪ Posters ▪ Lecture Nursing skills laboratory	▪ Theoretical exam. ▪ Practical exam Classroom activities

10- Infrastructures	
A-Required prescribed books	• Berman, A., Snyder, SH., & Frandsen, G. (2022). Kozier and Erb's Fundamentals of nursing: concepts; process; and practices. 10th edition. Pearson education, Inc. United states of America. • Crisp, J., Douglas, C., Rebeiro, G., & Waters, D. (2020). *Potter & Perry's Fundamentals of Nursing ANZ edition-eBook*. Elsevier Health Sciences. • Kozier, B., Erb, G., Berman, A., Snyder, SH., & Frandsen, G., Buck, M., Ferguson, L., Yiu, L., and Stamler, L. (2018). Fundamentals of Canadian Nursing: Concepts, Process, and Practice. 4th edition. Pearson Canada Inc.
1-Main references (sources)	• Taylor, C., Lynn, P., & Bartlett, J. (2023). *Fundamentals of nursing: The art and science of person-centered care*. Lippincott Williams & Wilkins.
2-Recommended books and references (scientific journals, reports,...)	• Berman, A., Snyder, SH., & Frandsen, G. (2016). *Kozier and Erb's Fundamentals of nursing: concepts; process; and practices.* 10th edition. Pearson education, Inc. United states of America. Pp. 477-508. • Taylor, C.R., Lillis, C., LeMone, P., and Lynn, P. (2011). *Fundamentals of nursing: The art and science of nursing care*. Seventh edition. Lippincott Williams & Wilkins. China. Pp. 514-554.

B - Electronic references, Internet sites...	

11- Course development plan:
Adopting a study plan that takes into account the academic accreditation standards for the specialization. ●Work to update the school curricula to keep pace with the development of curricula and the rapid progress and boom in science and scientific research. ●The programmed pursuit of reaching the frontiers of science through contact with reputable universities and cultural exchange at the level of research, visits or cultural exchange, gaining experience and theoretical knowledge of science. ●Using modern methods to develop the student's abilities