

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



Academic Program and Course Description Guide

2024

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: Southern Technical University

Faculty/Institute: Nassiriyah Technical Institute

Scientific Department: Nursing Techniques

Academic or Professional Program Name: Nursing Techniques

Final Certificate Name: Diploma

Academic System: Course

Description Preparation Date: 1/ 9/ 2024

File Completion Date: 1/ 9 / 2024

Signature:

Head of Department Name:

Mohammed Hassan Flaih

Date: 1/ 9/ 2024

Signature:

Scientific Associate Name:

Ali A. Hassan

Date:1/ 9/ 2024

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

1. Program Vision

The faculty and deanship work to provide all elements of progress in the field of nursing education to keep pace with scientific and technical progress in medicine, in addition to encouraging students to reach an advanced level so that they can assume their responsibilities in scientific research and study in various nursing specialties.

2. Program Mission

Preparing a nursing cadre educated in the arts and skills of nursing to provide integrated nursing services for prevention, treatment and rehabilitation to keep pace with the increasing need of society for medical care. This is achieved through clear and distinct scientific and technical programs to improve the health of the individual, family and society.

3. Program Objectives

- 1- Receives the patient on his own drum after measuring the nursing vital signs.
- 2- Assists the doctor during the examination of the patient.
- 3- Distributes and gives the medicines prescribed by the doctor.
- 4- Prepares the patient psychologically and physically before performing the surgery and takes care of the patient after the operation, including taking care of washing the patient.
- 5- Assists the doctor in giving and withdrawing fluids and transfusion of blood.
- 6- Helps the patient who is unable to eat if he is unable to do so.
- 7- Washes and sterilizes the tools used to care for the patient.

8- Gives nursing care in dialysis units, cardiac resuscitation, respiratory resuscitation, and cardiovascular surgery units.

4. Program Accreditation

non

5. Other external influences

Is there a sponsor for the program?

Not found

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	4	116		
College Requirements	none			
Department Requirements	none			
Summer Training	yes			
Other				

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
1 st class/ 1 st semester		Fundamental of Nursing	Theoretical 2	Practical 4
1 st class/ 1 st semester		Medical Nursing	Theoretical 2	Practical 4
1 st class/ 1 st semester		Anatomy	Theoretical 2	Practical 2
1 st class/ 1 st semester		Microbiology	Theoretical 2	Practical 2

1 st class/ 1 st semester		biochemistry	Theoretical 2	Practical 2
1 st class/ 1 st semester		Medical terminology	Theoretical 2	
1 st class/ 1 st semester		Human Rights and Democratic	Theoretical 2	
1 st class/ 1 st semester		Computer applications/1		Practical 2
total			30	
1 st class/ 2 nd semester		Health assessment	Theoretical 2	Practical 4
1 st class/ 2 nd semester		Surgical Nursing	Theoretical 2	Practical 4
1 st class/ 2 nd semester		Physiology	Theoretical 2	Practical 2
1 st class/ 2 nd semester		Medical virology and parasitology	Theoretical 2	Practical 2
1 st class/ 2 nd semester		Clinical chemistry	Theoretical 2	Practical 2
1 st class/ 2 nd semester		Biostatic	Theoretical 2	
1 st class/ 2 nd semester		English	Theoretical 2	
total			28	
2 nd class/ 1 st semester		Maternity Nursing	Theoretical 2	Practical 4
2 nd class/ 1 st semester		Child growth and development	Theoretical 2	Practical 4
2 nd class/ 1 st semester		Primary Health Care	Theoretical 2	Practical 4
2 nd class/ 1 st semester		Principle of Psychiatric Nursing	Theoretical 2	Practical 4
2 nd class/ 1 st semester		Pharmacology	Theoretical 2	
2 nd class/ 1 st semester		Professional Ethics	Theoretical 2	
2 nd class/ 1 st semester		Research methods		Practical 2
total			30	
2 nd class/ 2 nd semester		Obstetric Nursing	Theoretical 2	Practical 4
2 nd class/ 2 nd semester		Pediatric Nursing	Theoretical 2	Practical 4
2 nd class/ 2 nd semester		Community health service	Theoretical 2	Practical 4
2 nd class/ 2 nd semester		Psychiatric and Mental health Nursing	Theoretical 2	Practical 4
2 nd class/ 2 nd semester		Nutrition and Diet Therapy	Theoretical 2	
2 nd class/ 2 nd semester		Proposal		Practical 2

Total			28
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8. Expected learning outcomes of the program

Knowledge

A1– Obtain knowledge and understanding of how to measure vital signs and assist in patient examination.

A2– Obtain knowledge and full understanding of how to distribute and administer medication to patients.

A3– Acquire knowledge of administering and withdrawing fluids and transfusion of blood.

A4– Learn about the nursing care in dialysis units, cardiopulmonary resuscitation, respiratory resuscitation, and cardiac surgery units.

Skills

B-1 – The student be able to complete all the examinations of vital signs and how to measure them.

B-2 The student be able to use the devices and tools in the nursing care units.

B 3– The student be able to solve problems and obstacles related to work.

B 4– The student be able to deal with the psychology of patients before and after operations and how to provide medical services and help the elderly and the disabled.

C 1– The student interacts during the lecture

C 2– The student listens carefully to the explanation

C 3– The student interacts and contributes to extra-curricular activities

C 4– The student learns to behave professionally

Ethics

1 – Enabling the student to measure vital signs professionally.	3– Enabling the student to pass interviews and succeed in the labor market
2– Giving fluids, medications, and drawing blood.	4– Enabling the student for self-development after graduation

9. Teaching and Learning Strategies

1– Preparing modern and internationally approved curricula.

2– Use of scientific films.

3– Training students using methods that simulate reality.

4– Practical practice within the laboratory, hospitals and health centers.

10. Evaluation methods

- 1 – Quiz.
- 2– Semester exams
- 3– Weekly reports of practical experiments
- 4– Daily attendance and participation in the classroom

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
PhD Professor	Medical microbiology	Medical Microbiology - Molecular			Staff	
Assistant Professor	Medical microbiology	Medical Parasites			Staff	
Assistant Professor	Chemistry	Clinical Chemistry			Staff	
PhD Lecturer	Nursing	Adult Nursing			Staff	
PhD Lecturer	Microbiology	Microbiology Fungi			Staff	
Lecturer	Chemistry	Clinical Chemistry			Staff	
Lecturer	Community	Community			Staff	
Assistant Lecturer	Nursing	Maternity Nursing			Staff	
Assistant Lecturer	Medical microbiology	Medical microbiology			Staff	

Professional Development

Mentoring new faculty members

Professional development of faculty members

Participation in courses and conferences, also attending discussions of students' graduation research.

12. Acceptance Criterion

- ❖ Central Admission for Morning Studies.
- ❖ Distinguished Nursing High School graduates.
- ❖ Direct application for evening studies according to the grade and competition.

13. The most important sources of information about the program

- 1 - Integrated school curriculum
- 2- The central library at the institute
- 3- The Internet.
- 4- Scientific research

14. Program Development Plan

- 1- Developing students' abilities through practical application.
- 2- Participation in courses and conferences, also attending discussions of students' graduation research.
- 3 - frequent visits to government hospitals and health centers to gain experience and skills.

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

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

First class course
(First semester)

Course Description Form

1. Course Name:					
Fundamental of Nursing					
2. Course Code:					
3. Semester / Year:					
1st class/ 1st semester					
4. Description Preparation Date:					
1/ 9/ 2024					
5. Available Attendance Forms:					
Attendance only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
7. Course administrator's name (mention all, if more than one name)					
Name: Abbas Abdul Hassan Qasim					
Email: abbas.jabiry@stu.edu.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> The student knows what and how to measure vital signs such as temperature, breathing and blood pressure Pharmacological management, O2 administration and arterial respiration Students learn first aid procedures 			
9. Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	- The student knows what and how to measure vital signs such as temperature, breathing and blood pressure - Pharmacological management, O2 administration and arterial respiration Students learn first aid procedures	Fundamental Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, daily, written end-of-year exams.
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				
6	6 hr.				
7	6 hr.				
8	6 hr.				
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				
11. Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)				Foundation of Technical education Baghdad	
Main references (sources)				Nadecra H. Fundemental of Nursing (practice) Naaheda . M Fundemental of Nursing (theory)	
Recommended books and references (scientific journals, reports...)				Spring house corporation, Nursing , procedu publication	
Electronic References, Websites					

Course Description Form

Course Name:					
Medical Nursing					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Dr. Ali Talib Hameed Email: ali.talib@stu.edu.iq					
Course Objectives					
Course Objectives		Providing nursing care to patients before and after surgery Nursing care of patients with diseases of the digestive system, respiratory system, urinary system, urology, heart diseases, ENT diseases, ophthalmology, dermatology and resuscitation			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	Providing nursing care to patients before and after surgery	Medical Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	6 hr.	Nursing care of patients with diseases of the digestive system,			
3	6 hr.	respiratory system,			
4	6 hr.	urinary system,			
5	6 hr.	urology, heart diseases,			
6	6 hr.	ENT diseases,			
7	6 hr.	ophthalmology,			
8	6 hr.	dermatology and resuscitation			
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)				Smith & Ghips " Medical Surgical Nursing Philadelphia	
Main references (sources)				Springhouse Corporation : Nursing Procedures "Publication	

Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

Course Name:					
Anatomy					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (60) / Number of Units (4)					
Course administrator's name (mention all, if more than one name)					
Name: Dr. Abbas Abdul Hassan Qasim					
Email: abbas.jabiry@stu.edu.iq					
Course Objectives					
Course Objectives		The student knows the organs of the human body and their relationship with the surface of the body. Knows the role of the relationship of members with all organs.			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 hr.	-The student knows the organs of the human body and their relationship with the surface of the body. -Knows the role of the relationship of members with all organs.	Anatomy	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	4 hr.				
3	4 hr.				
4	4 hr.				
5	4 hr.				
6	4 hr.				
7	4 hr.				
8	4 hr.				
9	4 hr.				
10	4 hr.				
11	4 hr.				
12	4 hr.				
13	4 hr.				
14	4 hr.				
15	4 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)				Kingham anatomy – Oxford – London	
Main references (sources)				Anatomy of Human	

Recommended books and references (scientific journals, reports...)	Atlas of anatomy (Grantes)
Electronic References, Websites	

Course Description Form

Course Name:					
Medical Microbiology					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (60) / Number of Units (4)					
Course administrator's name (mention all, if more than one name)					
Name: Dr. Khawam Raysan Hussein ,Dr. Muhammad Hassan Falih , Dr. Amal Jameel Kazem Email: krhussein@stu.edu.iq , moh.alqurayshi@stu.edu.iq , Amaljkadhim@ stu.edu.iq					
Course Objectives					
Course Objectives		The student knows the concept of microbiology and the diagnosis of bacteria and parasites Understands disinfection, sterilization, identification of disease-causing microorganisms, and drug sensitivity tests Prevention, treatment, and factors contributing to disease transmission			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 hr.	The student knows the concept of microbiology and the diagnosis of bacteria and parasites Understands disinfection, sterilization, identification of disease-causing microorganisms, and drug sensitivity tests Prevention, treatment, and factors contributing to disease transmission	Medical Microbiology	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	4 hr.				
3	4 hr.				
4	4 hr.				
5	4 hr.				
6	4 hr.				
7	4 hr.				
8	4 hr.				
9	4 hr.				
10	4 hr.				
11	4 hr.				
12	4 hr.				
13	4 hr.				
14	4 hr.				
15	4 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					

Required textbooks (curricular books, if any)	Review of medical microbiology 14th Edition Tawetz , J.i. melnick , E , A. Adelberg
Main references (sources)	Basic medical Microbiology Parasitology Practical Laboratory
Recommended books and references (scientific journals, reports...)	Pathogenic microbiology
Electronic References, Websites	

Course Description Form

Course Name:					
Medical terminology					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (30) / Number of Units (2)					
Course administrator's name (mention all, if more than one name)					
Name: Thaer Ali Hussien Email: thaerali@stu.edu.iq					
Course Objectives					
Course Objectives		The student should know medical terms, their meanings, uses, and their relationship to diseases Knowing the root and origin of the medical term - Identify medical terminology related to different body systems			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	The student should know medical terms, their meanings, uses, and their relationship to diseases Knowing the root and origin of the medical term - Identify medical terminology related to different body systems	Medical terminology	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, daily, written end-of-year exams.
2	2 hr.				
3	2 hr.				
4	2 hr.				
5	2 hr.				
6	2 hr.				
7	2 hr.				
8	2 hr.				
9	2 hr.				
10	2 hr.				
11	2 hr.				
12	2 hr.				
13	2 hr.				
14	2 hr.				
15	2 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					

Required textbooks (curricular books, if any)	medical terminology
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

Course Name:					
biochemistry					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (60) / Number of Units (4)					
Course administrator's name (mention all, if more than one name)					
Name: Ali Abdul Hakim Hassan Email: alialbakaa14@stu.edu.iq					
Course Objectives					
Course Objectives		The student knows the chemical compounds that are included in the composition of the biological components of the human body, such as blood - urine and other bodily fluids The proportion of chemical compounds in different body fluids in cases of illness and health. Diseases that result from the increase or decrease of chemical compounds in various body fluids.			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 hr.	The student knows the chemical compounds that are included in the composition of the biological components of the human body, such as blood - urine and other bodily fluids The proportion of chemical compounds in different body fluids in cases of illness and health. Diseases that result from the increase or decrease of chemical compounds in various body fluids.	biochemistry	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, daily, written end-of-year exams.
2	4 hr.				
3	4 hr.				
4	4 hr.				
5	4 hr.				
6	4 hr.				
7	4 hr.				
8	4 hr.				
9	4 hr.				
10	4 hr.				
11	4 hr.				
12	4 hr.				
13	4 hr.				
14	4 hr.				
15	4 hr.				

Course Evaluation	
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam	
Learning and Teaching Resources	
Required textbooks (curricular books, if any)	An introduction to the chemical aspects of nursing science
Main references (sources)	Basic techniques for the medical laboratory Jor gensas Linne Fundamentals of clinical chemistry
Recommended books and references (scientific journals, reports...)	Seiverds chemistry for medical technologists white and frank.
Electronic References, Websites	

Course Description Form

Course Name:					
Human Rights and Democratic					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (30) / Number of Units (2)					
Course Objectives					
Course Objectives		Human rights aim to achieve cultural progress among the people, to achieve social welfare, and to protect the basic freedom of the individual in general by respecting his basic rights to freedom, justice and equality.			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills needed to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	Human rights aim to achieve cultural progress among the people, to achieve social welfare, and to protect the basic freedom of the	Human Rights Democratic	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the	Weekly, monthly, daily, written end-of-year exams.
2	2 hr.				
3	2 hr.				
4	2 hr.				
5	2 hr.				
6	2 hr.				
7	2 hr.				

8	2 hr.	individual	in		use of pictures and illustrations.	
9	2 hr.	general	by			
10	2 hr.	respecting his basic				
11	2 hr.	rights to freedom,				
12	2 hr.	justice	and			
13	2 hr.	equality.				
14	2 hr.					
15	2 hr.					

Course Evaluation

The grade is 100 and the grade is distributed as follows:

20 points for the theoretical monthly exam

20 points for the practical monthly exam

10 points for daily activity

40 points for the theoretical final exam

10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

Recommended books and references (scientific journals, reports...)

Electronic References, Websites

Course Description Form

Course Name:					
Computer Applications /1					
Course Code:					
Semester / Year:					
1st class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (60) / Number of Units (4)					
Course Objectives					
Course Objectives		The student knows the concept of microbiology and the diagnosis of bacteria and parasites Understands disinfection, sterilization, identification of disease-causing microorganisms, and drug sensitivity tests Prevention, treatment, and factors contributing to disease transmission			
Teaching and Learning Strategies					
Strategy		The student becomes familiar with the computer, familiar with its use, and understanding the way using its software.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	The student	Computer Applications /1	for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the	Weekly, mont daily, written end-of-year exams.
2	2 hr.	becomes familiar			
3	2 hr.	with the computer,			
4	2 hr.	familiar with its			
5	2 hr.	use, and			
6	2 hr.	understanding the			

7	2 hr.	ways of using its software.		practical skills necessary to practice the profession.	
8	2 hr.				
9	2 hr.				
10	2 hr.				
11	2 hr.				
12	2 hr.				
13	2 hr.				
14	2 hr.				
15	2 hr.				

Course Evaluation

The grade is 100 and the grade is distributed as follows:

20 points for the theoretical monthly exam

20 points for the practical monthly exam

10 points for daily activity

40 points for the theoretical final exam

10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

Recommended books and references (scientific journals, reports...)

Electronic References, Websites

**First class course
(Second semester)**

Course Description Form

Course Name:					
Health Assessment					
Course Code:					
Semester / Year:					
1st class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Abbas Abdul Hassan Qasim Email: abbas.jabiry@stu.edu.iq					
Course Objectives					
Course Objectives		The student knows the concept of microbiology and the diagnosis of bacteria and parasites Understands disinfection, sterilization, identification of disease-causing microorganisms, and drug sensitivity tests Prevention, treatment, and factors contributing to disease transmission			
Teaching and Learning Strategies					
Strategy		- - The student knows the methods of health assessment of various body systems - Using different tools			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	- - The	Health Assessment	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	6 hr.	student			
3	6 hr.	knows the			
4	6 hr.	methods of			
5	6 hr.	health			
6	6 hr.	assessment			
7	6 hr.	of various			
8	6 hr.	body			
9	6 hr.	systems			
10	6 hr.	- Using different			
11	6 hr.	tools			
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)				Health Assessment Textbook	
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

Course Description Form

Course Name:					
Surgical Nursing					
Course Code:					
Semester / Year:					
1st class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (4)					
Course administrator's name (mention all, if more than one name)					
Name: Ali Talib Hameed Email: ali.talib@stu.edu.iq					
Course Objectives					
Course Objectives		- Providing nursing care to patients before and after surgery Nursing care of patients with diseases of the digestive system, respiratory system, urinary system, urology, heart diseases, ENT diseases, ophthalmology, dermatology and resuscitation			
Teaching and Learning Strategies					
Strategy		Teaching students' theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	Providing nursing care to patients before and after surgery	Surgical Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, daily, written end-of-year exams.
2	6 hr.	Nursing care of patients with diseases of the digestive system,			
3	6 hr.	respiratory system,			
4	6 hr.	urinary system,			
5	6 hr.	urology, heart diseases,			
6	6 hr.	ENT diseases,			
7	6 hr.	ophthalmology,			
8	6 hr.	dermatology and resuscitation			
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Smith & Ghips " Medical Surgical Nursing Philadelphia		
Main references (sources)			Springhouse Corporation : Nursing Procedures "Publication		
Recommended books and references (scientific journals, reports...)					

Course Description Form

Course Name:					
Physiology					
Course Code:					
Semester / Year:					
1st class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (60) / Number of Units (4)					
Course administrator's name (mention all, if more than one name)					
Name: Thaer Ali Hussien Email: thaerali@stu.edu.iq					
Course Objectives					
Course Objectives		The student knows the concept of microbiology and the diagnosis of bacteria and parasites Understands disinfection, sterilization, identification of disease-causing microorganisms, and drug sensitivity tests Prevention, treatment, and factors contributing to disease transmission			
Teaching and Learning Strategies					
Strategy		Understand the various functions of the body and the physiological metabolic processes that take place within the human body. Knows the components and functions of the various organs of the human body			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 hr.	Understand the various functions of the body and the physiological metabolic processes that take place within the human body. Knows the components and functions of the various organs of the human body	Physiology	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	4 hr.				
3	4 hr.				
4	4 hr.				
5	4 hr.				
6	4 hr.				
7	4 hr.				
8	4 hr.				
9	4 hr.				
10	4 hr.				
11	4 hr.				
12	4 hr.				
13	4 hr.				
14	4 hr.				
15	4 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam					

10 points for the practical final exam	
Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Basic clinical physiology oxford publication Cordon sears – Anatomy physiology for nurses oxford publication
Main references (sources)	Gyton – Textbook – oxford publica London
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

Course Name:					
Medical virology and parasitology					
Course Code:					
Semester / Year:					
1st class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (60) / Number of Units (4)					
Course administrator's name (mention all, if more than one name)					
Name: Dr. Khawam Raysan Hussein ,Dr. Muhammad Hassan Falih , Dr. Amal Jameel Kazem Email: krhussein@stu.edu.iq , moh.alqurayshi@stu.edu.iq , Amaljkadhim@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student knows the concept of viruses and parasites and methods of diagnosing them - Identify the diseases they cause Prevention, treatment, and factors contributing to the transmission of the disease			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 hr.	The student knows	Medical virology and parasitology	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, daily, written end-of-year exams.
2	4 hr.	the concept of			
3	4 hr.	viruses and parasites			
4	4 hr.	and methods of			
5	4 hr.	diagnosing them			
6	4 hr.	Identify the diseases			
7	4 hr.	they cause			
8	4 hr.	Prevention,			
9	4 hr.	treatment, and			
10	4 hr.	factors contributing			
11	4 hr.				

12	4 hr.	to the transmission of the disease	is provided in laboratories to provide students with the practical skills necessary to practice the profession.
13	4 hr.		
14	4 hr.		
15	4 hr.		
Course Evaluation			
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam			
Learning and Teaching Resources			
Required textbooks (curricular books, if any)		Review of medical microbiology 14th Edition Tawetz , J.i. melnick , E , A. Adelberg	
Main references (sources)		Basic medical Microbiology Parasitology Practical Laboratory	
Recommended books and references (scientific journals, reports...)		Pathogenic microbiology	
Electronic References, Websites			

Course Description Form

Course Name:	
Clinical Chemistry	
Course Code:	
Semester / Year:	
1st class/ 2nd semester	
Description Preparation Date:	
1/ 9/ 2024	
Available Attendance Forms:	
Attendance only	
Number of Credit Hours (Total) / Number of Units (Total)	
Number of Credit Hours (60) / Number of Units (4)	
Course administrator's name (mention all, if more than one name)	
Name: Ali Abdul Hakim Hassan Email: alialbakaa14@stu.edu.iq	
Course Objectives	
Course Objectives	-The student knows the chemical compounds that are included in the composition of the biological components of the human body, such as blood - urine and other bodily fluids The proportion of chemical compounds in different body fluids in cases of illness and health. -Diseases that result from the increase or decrease of chemical compounds in various body fluids.
Teaching and Learning Strategies	
Strategy	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.
Course Structure	

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4 hr.	The student knows the chemical compounds that are included in the composition of the biological components of the human body, such as blood - urine and other bodily fluids The proportion of chemical compounds in different body fluids in cases of illness and health. -Diseases that result from the increase or decrease of chemical compounds in various body fluids.	Clinical Chemis	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, daily, written end-of-year exams.
2	4 hr.				
3	4 hr.				
4	4 hr.				
5	4 hr.				
6	4 hr.				
7	4 hr.				
8	4 hr.				
9	4 hr.				
10	4 hr.				
11	4 hr.				
12	4 hr.				
13	4 hr.				
14	4 hr.				
15	4 hr.				

Course Evaluation

The grade is 100 and the grade is distributed as follows:

20 points for the theoretical monthly exam

20 points for the practical monthly exam

10 points for daily activity

40 points for the theoretical final exam

10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)

An introduction to the chemical aspects of nursing science.

Main references (sources)

Basic techniques for the medical laboratory Jean Jor gensas Linne
Fundamentals of clinical chemistry

Recommended books and references (scientific journals, reports...)

Seiverds chemistry for medical technologists
white and frank.

Electronic References, Websites

Course Description Form

Course Name:
Biostatic
Course Code:
Semester / Year:
1st class/ 2nd semester
Description Preparation Date:
1/ 9/ 2024
Available Attendance Forms:
Attendance only
Number of Credit Hours (Total) / Number of Units (Total)
Number of Credit Hours (30) / Number of Units (2)

Course Objectives					
Course Objectives		-The student knows how to deal with statistical data, deal with and know life and health statistical measures Knows the organization of the statistical form and the health form related to daily accidents such as births, deaths and diseases			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	- The student knows how to deal with statistical data, deal with and know life and health statistical measures Knows the organization of the statistical form and the health form related to daily accidents such as births, deaths and diseases	Biostatic	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, written end-of-year exams.
2	2 hr.				
3	2 hr.				
4	2 hr.				
5	2 hr.				
6	2 hr.				
7	2 hr.				
8	2 hr.				
9	2 hr.				
10	2 hr.				
11	2 hr.				
12	2 hr.				
13	2 hr.				
14	2 hr.				
15	2 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)				General statistical Analysis	
Main references (sources)				Introduction to statistical Analysis	
Recommended books and references (scientific journals, reports...)				Banderrfort Hill , Fundament in Biostatic	
Electronic References, Websites					

Course Description Form

Course Name:
English Language
Course Code:
Semester / Year:
1st class/ 2nd semester
Description Preparation Date:

1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (30) / Number of Units (2)					
Course Objectives					
Course Objectives		The student understands English grammar, tenses and grammar.			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	The student understands English grammar, tenses and grammar.	English Language	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, daily, written end-of-year exams.
2	2 hr.				
3	2 hr.				
4	2 hr.				
5	2 hr.				
6	2 hr.				
7	2 hr.				
8	2 hr.				
9	2 hr.				
10	2 hr.				
11	2 hr.				
12	2 hr.				
13	2 hr.				
14	2 hr.				
15	2 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)					
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					

**Second class course
(First semester)**

Course Description Form

Course Name:
Maternity Nursing
Course Code:
Semester / Year:

2nd class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Ebtihal Sattar Qasim Email: Ebtihal Sattar022@gmail.com					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - - The student knows the anatomy and functions of the reproductive system - - The student knows the disorders of the reproductive system - - Knowledge of nursing care for cases of tumors affecting the reproductive system and cancerous diseases - Knowledge of family planning methods (contraceptives), how to use these methods and their contraindications 			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	- - The student	Maternity Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	6 hr.	knows the			
3	6 hr.	anatomy and			
4	6 hr.	functions of			
5	6 hr.	the			
6	6 hr.	reproductive			
7	6 hr.	system			
8	6 hr.	- - The			
9	6 hr.	student			
10	6 hr.	knows the			
11	6 hr.	disorders of			
12	6 hr.	the			
13	6 hr.	reproductive			
14	6 hr.	system			
15	6 hr.	- - Knowledge of nursing care for cases of tumors affecting the reproductive system and cancerous diseases			
		- Knowledge of family planning methods (contraceptives), how to use these methods and their contraindications			
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam					

10 points for daily activity	
40 points for the theoretical final exam	
10 points for the practical final exam	
Learning and Teaching Resources	
Required textbooks (curricular books, if any)	General Maternity Nursing
Main references (sources)	Text book of Obstetric and Obstetric Nursing Text book of Gynecology
Recommended books and references (scientific journals, reports...)	Maternity Nursing
Electronic References, Websites	

Course Description Form

Course Name:					
Growth of child and development					
Course Code:					
Semester / Year:					
2nd class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Dr. Qusay Hassan Mansi Email: Qusay.alzubaidi@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - Know how to grow and develop a child - Become familiar with the nursing care of children and newborns and the nature of their nutrition. - Knowing the characteristics of the newborn baby and the premature baby Types and stages of child growth and development			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	<ul style="list-style-type: none"> - Know how to grow and develop a child - Become familiar with the nursing care of children and newborns and the nature of their nutrition. - Knowing the characteristics of the newborn baby and the 	Growth of child and development	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, and written and end-of-year exam
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				
6	6 hr.				
7	6 hr.				
8	6 hr.				
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				

		premature baby Types and stages of child growth and development			
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Textbook of pediatric Saunders		
Main references (sources)			Foundations of pediatric Nursing The Complete Book Breast feeding		
Recommended books and references (scientific journals, reports...)			Basic pediatric Nursing		
Electronic References, Websites					

Course Description Form

Course Name:					
Primary Health care					
Course Code:					
Semester / Year:					
2nd class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Rana Ali Othman Email: rana.ali@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student understands maternal and child care programs, as well as environmental health and environmental pollution programs. - Knows vaccination programs against diseases and health care programs in the countryside. - Become familiar with school health programs, infectious disease prevention programs, and educational and health programs. 			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	The student understands maternal and child care programs, as well as environmental health and environmental pollution programs.	Primary Health care	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical	Weekly, monthly, daily, written end-of-year exams.
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				
6	6 hr.				
7	6 hr.				
8	6 hr.				

9	6 hr.	Knows vaccination		aspect, the practical	
10	6 hr.	programs against		material is explained and	
11	6 hr.	diseases and health		training is provided in	
12	6 hr.	care programs in the		laboratories to provide	
13	6 hr.	countryside.		students with the	
14	hr.	- Become familiar with		practical skills necessary	
15	hr.	school health		to practice the profession.	
		programs, infectious			
		disease prevention			
		programs, and			
		educational and health			
		programs.			
Course Evaluation					
The grade is 100 and the grade is distributed as follows:					
20 points for the theoretical monthly exam					
20 points for the practical monthly exam					
10 points for daily activity					
40 points for the theoretical final exam					
10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Community Medicine , 5 TH ED . London		
Main references (sources)			Bayer . M. Community health NURRSING In Deve loping country Community Health Nursing Philadelphia		
Recommended books and references (scientific journals, reports...)			Modern text book for Nurses		
Electronic References, Websites					

Course Description Form

Course Name:					
Principles of Psychiatric Nursing					
Course Code:					
Semester / Year:					
2nd class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Lina Abdullah Nasser					
Email: Lina.abdullah@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student knows mental health and psychological and mental disorders - Knows how to deal with people with mental illnesses - Provides nursing care for mentally ill patients - Behavioral dealing with people suffering from mental and psychological disorders and diseases 			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	The student knows	Principles of Psychiatric Nursing	Teaching students theoretical lectures using available	Weekly, monthly, daily, written
2	6 hr.	mental health and			
3	6 hr.				

4	6 hr.	psychological and		educational tools such	end-of-year
5	6 hr.	mental disorders		as the blackboard,	exams.
6	6 hr.	Knows how to deal		screen display, and the	
7	6 hr.	with people with		use of pictures and	
8	6 hr.	mental illnesses		illustrations. As for the	
9	6 hr.	Provides nursing care		practical aspect, the	
10	6 hr.	for mentally ill patients		practical material is	
11	6 hr.	Behavioral dealing		explained and training	
12	6 hr.	with people		is provided in	
13	6 hr.	suffering from		laboratories to provide	
14	6 hr.	mental and		students with the	
15	6 hr.	psychological		practical skills	
		disorders and		necessary to practice	
		diseases		the profession.	
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Care of Psych iatrical patients		
Main references (sources)			psychological diseases		
Recommended books and references (scientific journals, reports...)			Psychological nursing		
Electronic References, Websites					

Course Description Form

Course Name:					
Pharmacology					
Course Code:					
Semester / Year:					
2nd class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (30) / Number of Units (2)					
Course administrator's name (mention all, if more than one name)					
Name: Ali Talib Hameed Email: ali. talib@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - student understands pharmacology and drug absorption and excretion - Knows potions, poisoning and metal poisoning Understand how medication affects the body			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	2 hr.	- student	Pharmacology	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, written end-of-year exams.
2	2 hr.	understands			
3	2 hr.	pharmacology			
4	2 hr.	and drug			
5	2 hr.	absorption			
6	2 hr.	and excretion			
7	2 hr.	- Knows			
8	2 hr.	poisons,			
9	2 hr.	poisoning and			
10	2 hr.	metal			
11	2 hr.	poisoning			
12	2 hr.	Understand how			
13	2 hr.	medication affects			
14	2 hr.	the body			
15	2 hr.				

Course Evaluation

The grade is 100 and the grade is distributed as follows:
 20 points for the theoretical monthly exam
 20 points for the practical monthly exam
 10 points for daily activity
 40 points for the theoretical final exam
 10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)	Pharmacology
Main references (sources)	Pharmacology of student and pupil nurse
Recommended books and references (scientific journals, reports...)	Clinical Pharmacology
Electronic References, Websites	

Course Description Form

Course Name:	
Professional Ethic	
Course Code:	
Semester / Year:	
2nd class/ 1st semester	
Description Preparation Date:	
1/ 9/ 2024	
Available Attendance Forms:	
Course administrator's name (mention all, if more than one name)	
Name: Lina Abdullah Nasser	
Email: Lina.abdullah@stu.edu.iq	
Attendance only	
Number of Credit Hours (Total) / Number of Units (Total)	
Number of Credit Hours (30) / Number of Units (2)	
Course administrator's name (mention all, if more than one name)	
Name: Ali Abdul Hakim Hassan	
Email: alialbakaa14@stu.edu.iq	
Course Objectives	
Course Objectives	- Recognize the basic ethics of professional behavior for workers in medical specialties. Rehabilitation of the graduate on professional behavior in dealing with his profession and with the patient and colleagues.
Teaching and Learning Strategies	
Strategy	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material

	explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.				
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	Recognize the basic ethics of professional behavior for workers in medical specialties. Rehabilitation of the graduate on professional behavior in dealing with his profession and with the patient and colleagues.	Professional Ethic	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, daily, written end-of-year exams.
2	2 hr.				
3	2 hr.				
4	2 hr.				
5	2 hr.				
6	2 hr.				
7	2 hr.				
8	2 hr.				
9	2 hr.				
10	2 hr.				
11	2 hr.				
12	2 hr.				
13	2 hr.				
14	2 hr.				
15	2 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)				An introduction to the chemical aspects of nursing science	
Main references (sources)				Basic techniques for the medical laboratory Jorgensen Linne Fundamentals of clinical chemistry	
Recommended books and references (scientific journals, reports...)				Seiverds chemistry for medical technologists white and frank.	
Electronic References, Websites					

Course Description Form

Course Name:
Research methods
Course Code:
Semester / Year:
2nd class/ 1st semester
Description Preparation Date:
1/ 9/ 2024
Available Attendance Forms:
Attendance only
Number of Credit Hours (Total) / Number of Units (Total)
Number of Credit Hours (30) / Number of Units (2)
Course Objectives

Course Objectives	- The student knows the requirements of the graduation project The student knows it and how to write the chapters and themes of the graduation project
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Teaching and Learning Strategies

Strategy	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.
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Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	- The student knows the requirements of the graduation project The student knows it and how to write the chapters and themes of the graduation project	Research methods	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, written end-of-year exams.
2	2 hr.				
3	2 hr.				
4	2 hr.				
5	2 hr.				
6	2 hr.				
7	2 hr.				
8	2 hr.				
9	2 hr.				
10	2 hr.				
11	2 hr.				
12	2 hr.				
13	2 hr.				
14	2 hr.				
15	2 hr.				

Course Evaluation

The grade is 100 and the grade is distributed as follows:
 20 points for the theoretical monthly exam
 20 points for the practical monthly exam
 10 points for daily activity
 40 points for the theoretical final exam
 10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Second class course
(Second semester)

Course Description Form

Course Name:					
Obstetric Nursing					
Course Code:					
Semester / Year:					
2nd class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Ebtihal Sattar Qasim Email: Ebtihal Sattar022@gmail.com					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student knows the normal pregnancy, its stages, and normal and abnormal childbirth. - An understanding of the complications of labor and postpartum and its complications, and breastfeeding and its complications <p style="margin-left: 40px;">Nursing care during cesarean section</p>			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	The student knows the normal pregnancy, its stages, and normal and abnormal childbirth. An understanding of the complications of labor and postpartum and its complications, and breastfeeding and its complications Nursing care during cesarean section	Obstetric Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, written end-of-year exams.
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				
6	6 hr.				
7	6 hr.				
8	6 hr.				
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam 10 points for daily activity 40 points for the theoretical final exam 10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)				General Maternity Nursing	
Main references (sources)				Text book of Obstetric and Obstetric Nursing Text book of Gynecology	

Recommended books and references (scientific journals, reports...)	Maternity Nursing
Electronic References, Websites	

Course Description Form

Course Name:					
Pediatric Nursing					
Course Code:					
Semester / Year:					
2nd class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Dr. Qusay Hassan Mansi Email: Qusay.alzubaidi@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - Knows how to grow and develop a child - Become familiar with the nursing care of children and newborns and the nature of their nutrition - Provides nursing care for disabled children, orphans and malnourished children <p style="text-align: center;">Knows child care and accident prevention</p>			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	<ul style="list-style-type: none"> - Knows how to grow and develop a child - Become familiar with the nursing care of children and newborns and the nature of their nutrition - Provides nursing care for disabled children, orphans and malnourished children <p style="text-align: center;">Knows child care and accident prevention</p>	Pediatric Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, distributed written and end-of-year exam
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				
6	6 hr.				
7	6 hr.				
8	6 hr.				
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	6 hr.				
15	6 hr.				
Course Evaluation					
The grade is 100 and the grade is distributed as follows: 20 points for the theoretical monthly exam 20 points for the practical monthly exam					

10 points for daily activity	
40 points for the theoretical final exam	
10 points for the practical final exam	
Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Textbook of pediatric Saunders
Main references (sources)	Foundations of pediatric Nursing The Complete Book Breast feeding
Recommended books and references (scientific journals, reports...)	Basic pediatric Nursing
Electronic References, Websites	

Course Description Form

Course Name:					
Community Health service					
Course Code:					
Semester / Year:					
2nd class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Rana Ali Othman					
Email: rana.ali@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student understands maternal and child care programs, as well as environmental health and environmental pollution programs. - Knows vaccination programs against diseases and health care programs in the countryside. - Become familiar with school health programs, infectious disease prevention programs, and educational and health programs. 			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	<ul style="list-style-type: none"> - The student understands maternal and child care programs, as well as environmental health and environmental pollution programs. - Knows vaccination programs against diseases and health care 	Community Health service	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.	Weekly, monthly, daily, written end-of-year exams.
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				
6	6 hr.				
7	6 hr.				
8	6 hr.				
9	6 hr.				
10	6 hr.				
11	6 hr.				
12	6 hr.				
13	6 hr.				
14	hr.				
15	hr.				

		<p>programs in the countryside.</p> <p>- Become familiar with school health programs, infectious disease prevention programs, and educational and health programs.</p>			
Course Evaluation					
<p>The grade is 100 and the grade is distributed as follows:</p> <p>20 points for the theoretical monthly exam</p> <p>20 points for the practical monthly exam</p> <p>10 points for daily activity</p> <p>40 points for the theoretical final exam</p> <p>10 points for the practical final exam</p>					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Community Medicine , 5 TH ED . London		
Main references (sources)			Bayer . M. Community health NURRSING In Deve loping country Community Health Nursing Philadelphia		
Recommended books and references (scientific journals, reports...)			Modern text book for Nurses		
Electronic References, Websites					

Course Description Form

Course Name:					
Psychiatric and Mental health Nursing					
Course Code:					
Semester / Year:					
2nd class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (90) / Number of Units (6)					
Course administrator's name (mention all, if more than one name)					
Name: Ali Talib Hameed Email: ali.talib@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student knows mental health and psychological and mental disorders - Knows how to deal with people with mental illnesses - Provides nursing care for mentally ill patients - Behavioral dealing with people suffering from mental and psychological disorders and diseases 			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, scree display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	6 hr.	The student knows mental health and psychological and mental disorders	Psychiatric and Mental health Nursing	Teaching students theoretical lectures using available educational tools such as the blackboard,	Weekly, monthly, daily, written end-of-year exams.
2	6 hr.				
3	6 hr.				
4	6 hr.				
5	6 hr.				

6	6 hr.	Knows how to deal		screen display, and the	
7	6 hr.	with people with		use of pictures and	
8	6 hr.	mental illnesses		illustrations. As for the	
9	6 hr.	Provides nursing care		practical aspect, the	
10	6 hr.	for mentally ill patients		practical material is	
11	6 hr.	Behavioral dealing		explained and training	
12	6 hr.	with people		is provided in	
13	6 hr.	suffering from		laboratories to provide	
14	6 hr.	mental and		students with the	
15	6 hr.	psychological		practical skills	
		disorders and		necessary to practice	
		diseases		the profession.	
Course Evaluation					
The grade is 100 and the grade is distributed as follows:					
20 points for the theoretical monthly exam					
20 points for the practical monthly exam					
10 points for daily activity					
40 points for the theoretical final exam					
10 points for the practical final exam					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Care of Psych iatrical patients		
Main references (sources)			psychological diseases		
Recommended books and references (scientific journals, reports...)			Psychological nursing		
Electronic References, Websites					

Course Description Form

Course Name:					
Nutrition and Diet Therapy					
Course Code:					
Semester / Year:					
2nd class/ 2nd semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (30) / Number of Units (2)					
Course administrator's name (mention all, if more than one name)					
Name: Ali Talib Hameed					
Email: ali. talib@stu.edu.iq					
Course Objectives					
Course Objectives		<ul style="list-style-type: none"> - The student knows nutritional guidelines and nutritional needs. - Knows the nutrients and how to choose meals. Knows the nutrition of patients and special cases.			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hr.	- The student	Nutrition and Therapy	Teaching students theoretical lectures using available	Weekly, monthly, written
2	2 hr.	knows			
3	2 hr.	nutritional			

4	2 hr.	guidelines		educational tools	end-of-year exams.
5	2 hr.	and		such as the	
6	2 hr.	nutritional		blackboard, screen	
7	2 hr.	needs.		display, and the use	
8	2 hr.	- Knows the		of pictures and	
9	2 hr.	nutrients and		illustrations.	
10	2 hr.	how to choose			
11	2 hr.	meals.			
12	2 hr.	Knows the			
13	2 hr.	nutrition of			
14	2 hr.	patients and			
15	2 hr.	special cases.			

Course Evaluation

The grade is 100 and the grade is distributed as follows:

20 points for the theoretical monthly exam

20 points for the practical monthly exam

10 points for daily activity

40 points for the theoretical final exam

10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)

Assessment of child in primary health care

Main references (sources)

Essentials of nutrition and diet therapy
Mastering Nutrition

Recommended books and references (scientific journals, reports...)

The Dietetic Technician

Electronic References, Websites

Course Description Form

Course Name:					
Proposal					
Course Code:					
Semester / Year:					
2nd class/ 1st semester					
Description Preparation Date:					
1/ 9/ 2024					
Available Attendance Forms:					
Attendance only					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Credit Hours (30) / Number of Units (2)					
Course Objectives					
Course Objectives		- The student knows the requirements of the graduation project The student knows it and how to write the chapters and themes of the graduation project			
Teaching and Learning Strategies					
Strategy		Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations. As for the practical aspect, the practical material is explained and training is provided in laboratories to provide students with the practical skills necessary to practice the profession.			
Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	2 hr.	-	The student	Proposal	Teaching students theoretical lectures using available educational tools such as the blackboard, screen display, and the use of pictures and illustrations.	Weekly, monthly, written end-of-year exams.
2	2 hr.		knows the			
3	2 hr.		requirements			
4	2 hr.		of the			
5	2 hr.		graduation			
6	2 hr.		project			
7	2 hr.		The student knows it			
8	2 hr.		and how to write the			
9	2 hr.		chapters and themes			
10	2 hr.		of the graduation			
11	2 hr.		project			
12	2 hr.					
13	2 hr.					
14	2 hr.					
15	2 hr.					

Course Evaluation

The grade is 100 and the grade is distributed as follows:
 20 points for the theoretical monthly exam
 20 points for the practical monthly exam
 10 points for daily activity
 40 points for the theoretical final exam
 10 points for the practical final exam

Learning and Teaching Resources

Required textbooks (curricular books, if any)

Main references (sources)

Recommended books and references (scientific journals, reports...)

Electronic References, Websites