

Republic of Iraq
Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation

Academic Program Specification Form for Colleges and Institutions

University: Northern Technical University

College / Institute: Technical Institute / Mosul

Department: Community Health Techniques

Date of Form Completion: 31/8/2023

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TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	Northern Technical University
2. University Department/Centre	Mosul Technical Institute
3. Programme Title	Community Health Technical Department
4. Title of Final Award	Community Health Technical Diploma
5. Modes of Attendance offered	Annual
6. Accreditation	WFME
7. Other external influences	* Scientific updates
8. Date of production/revision of this specification	31 / 8 / 2023
9. Aims of the Programme	
<p>The program aims</p> <ol style="list-style-type: none">1-to prepare technical staff in the field of community health to provide services to the community.2 - Gathering sufficient information about disease cases and epidemics in Nineveh Governorate.3 - Providing primary health care for the sick cases that the patient suffers from.4 - Carry out the experimental and health practices that the patient needs.5- Providing health care from the patient's admission to health centers or hospitals until his discharge.	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A1. Knowledge and Understanding:

- A1- Knowing how to obtain patient information.
- A 2- Determine the initial diagnosis.
- A3- Determining the priorities of health care.
- A4- Learn about the stages of pregnancy and how to take care of a pregnant mother.
- A 5 - Familiarity with the necessary health examinations and practices.
- A6 - Identify the nutritional programs necessary for the mother and study the

B. Subject-specific skills:

- B1 - Training students on how to provide health services in the field of community health.
- B 2 - Training the student on how to conduct applied health practices for each disease case.
- B 3 - evaluation of the efficiency of health care.
- B 4 - Training the student on how to collect laboratory samples (blood - urine - urine - etc.).

Teaching and Learning Methods

Theoretical lectures, seminars, panel discussions, scientific developments, laboratory hands-on training, systematic training in hospitals, summer training, graduation research

Assessment methods

Daily editorial exams, daily posts, quarterly and final exams, weekly reports on the medical conditions that the student sees during training.

C. Thinking Skills:

- C1. Self-learning (through assignments on a particular medical condition and presentation by the student).
- C2. Education, training in collective participation and voluntary work in collecting information on diseased cases.

Teaching and Learning Methods

Daily lectures, continuous discussions with students, Screening of scientific films and videos related to the field of community health and vaccination programs in Iraq, scientific visits.

Assessment methods

Daily written and oral tests, daily posts, quarterly and final exams, weekly reports on the medical conditions that the student sees during training.

D. General and Transferable Skills (other skills relevant to employability and personal development)

D 1- Skills of dealing with the patient.

D2- Skills of providing health services related to community health (pregnant women's health, children's health).

School health, vaccinations.

D 3- First aid skills.

D 4- Skills of preparing the patient for all health procedures

Teaching and Learning Methods

Traditional lectures, daily written exams, daily posts, quarterly and final exams, laboratories training, writing weekly reports on the pathological cases seen by the student during training, presentation of scientific films and special videos, conducting scientific visits, systematic training in hospitals and health centers, and summer training and graduation projects.

Assessment Methods

Written and oral tests, commitment to assignments (e.g. reporting in the field of specialization and then discussing reports).

11. Programme Structure

Level/Year	Course or Module Title	Credit rating	
		Theor.	Pract.
First Year	Community Health	15	19
Second Year	Community Health	14	22

12. Personal Development Planning

- 1- Learn about recent scientific developments in the field of community health.
- 2 - Participation in international and local conferences.
- 3 - Participation in scientific workshops inside and outside Iraq.
- 4- Hosting scientific competencies in the field of specialization.
- 5- Continuous statistical studies to follow up the movement of diseases, especially the epidemiology.
- 6- Scientific twinning with corresponding departments in universities inside and outside Iraq.

13. Admission criteria .

- 1- Degree
- 2- Scientific branch.
- 3- The student's personal interview.
- 4 - Determining the ratio of males to females.
- 5- Determining the number of students planned to be accepted for the next academic year.

14. Key sources of information about the programme

- * Academic books.
- * Assistance books.
- * The Internet and social media.

Curriculum Skills Map

please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed

[illegible]

[illegible]

Objectives of Some Subjects

Physiology:

Cognitive objectives: The student will be able to:

- 1 .Learn about the organs and systems of the body.
- 2 .Understand the mechanism of coordinating functions for different organs.
- 3 .Identify the balances and integration of the devices with the aim of general stability of the body.
- 4 .Distinguishing the physiological cases from the pathological in functional disorders.
- 5 .Recognize the correlation between the different functions of each body system.

Skills objectives: The student will be able to:

- 1 .Analysis of some blood components such as hemoglobin and red and white blood cells
- 2 .Diagnosis of initial pathological conditions by reading laboratory reports.
- 3 .Measure vital signs such as body temperature, pulse, respiration and blood pressure.
- 4 .Conduct tests for the functions of the heart, lungs and nervous system.

Medical Microbiology:

Cognitive goals: The student will be able to:

- 1 .Identify some medical micro-organism.
- 2 .Identify diseases caused by microbiology.
- 3 .Prevention and treatment of diseases.
- 4 .Identify the factors that help the transmission of diseases.

Skills goals: The student will be able to:

- 1 .Identify laboratory instruments.
- 2 .Urine test.
- 3 .Conducting bacterial tests for the purpose of diagnosis and treatment.
- 4 .Stool test.

Computer applications

Cognitive objectives: The student will be able to:

- 1 .Learn about computer applications.
- 2 .Learn about the concept of networks and the Internet and the importance of using it.
- 3 .Learn how to create questionnaires using SPSS.
- 4 .Identify software and its applications in the medical fields.

Skills objectives: The student will be able to:

- 1 .Help the student use computer applications.
- 2 .Help the student use the Internet and its applications in everyday life.
- 3 .Make statistical reports and extract accurate results of questionnaires.
- 4 .The ability to operate applications related to medical fields and achieve scientific and practical benefit from them.

Human rights and democracy

Cognitive goals: The student will be able to:

- 1 .Introducing the student to human rights.
- 2 .Introducing the student to public and private freedoms.
- 3 .Introducing the student to intellectual, cultural, journalistic, economic and social freedoms.
- 4 .Introducing the student to democracy and its concept.
- 5 .Introducing the student to governmental and non-governmental organizations.

Skills objectives: The student will be able to:

- 1 .Learn about human rights; what they have and what rights they have.
- 2 .Self-learning.
- 3 .Learn to participate collectively and contribute to volunteering.

4. Promoting human behavior in respecting the rights of others and building relationships at the personal, national, regional or international level.

Clinical-Bio Chemistry:

Cognitive objectives: The student will be able to:

- 1 .Learn about the principles of chemistry.
- 2 .Identify what clinical chemistry is, its principles and its importance in the field of human health.
- 3 .Knowledge of compounds and chemical elements in the human body and measuring them laboratory .
- 4 .Identify the natural proportions of laboratory tests.

Skills objectives:

- 1 .Help the student to conduct chemical tests of electrolytes inside the human body.
- 2 .Help the student to distinguish the natural proportions of electrolytes and the disorders they cause within the body.
- 3 .Learn the laboratory methods used in the field of clinical-bio chemistry.
- 4 .Training in the use of laboratory instruments.

Health inspection

Cognitive goals:

- 1.The student will be able to familiarize himself with the programs and concept of health inspection.
2. To be familiar with the foundations, rules and requirements for the success of the inspection process.
٣. To identify the health conditions and specifications that must be provided by law in the shops subject to health control.

Occupational Health and Safety

Cognitive goals:

The student will be able to get acquainted with

- ١ The importance of occupational health and safety.
- ٢ Occupational health and safety laws for any business

Skills objectives: The student will be able to:

1. To identify the damages to which workers in the various establishments are exposed.
2. To be familiar with the occupational health and safety conditions that must be met to prevent accidents
Work injuries and various occupational diseases.

Epidemiology

Cognitive goals:

The student will be able to:

1. To be familiar with the method of conducting health surveys related to epidemics and diseases endemic;
- 2.To identify the method of detecting rodents and know their types.
٣. To identify the medical insects related to the transmission of diseases.
- ٤ To be familiar with the method of examining arrivals to Qatar to investigate AIDS.

Medicine & Surgery

Cognitive goals:

The student will be able to:-

- 1.Treatment of minor cases

Skills objectives:

The student will be able to:

1. giving blood to patients and injections

2. Dressing and suturing the wound
3. Measuring blood pressure, pulse and temperature

TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	Northern Technical University
2. University Department/Centre	Mosul Technical Institute
3. Course title/code	Community Health Techniques
4. Programme (s) to which it contributes	
5. Modes of Attendance offered	* Weekly lesson schedule (theoretical and practical) * Scientific discussions, seminars, other activities
6. Semester/Year	Annual
7. Number of hours tuition (total)	٧٠ h.
8. Date of production/revision of this specification	15 / 6 / 2021

9. Aims of the Course

- 1- The program aims to prepare technical staff in the field of community health to provide services to the community.
- 2 - Gathering sufficient information about disease cases and epidemics in Nineveh Governorate.
- 3 - Providing primary health care for the sick cases that the patient suffers from.
- 4 - Carry out the experimental and health practices that the patient needs.
- 5- Providing health care from the patient's admission to health centers or hospitals until his discharge.

10• Learning Outcomes, Teaching ,Learning and Assessment Methods

A- Knowledge and Understanding

A1. Cognitive goals

A1- Knowing how to obtain patient information.

A 2- Determine the initial diagnosis.

A3- Determining the priorities of health care.

A4- Learn about the stages of pregnancy and how to take care of a pregnant mother.

A 5 - Familiarity with the necessary health examinations and practices.

A6 - Identify the nutritional programs necessary for the mother and study the diseases of nutritional deficiency.

B. Subject-specific skills

B1. Training students on how to provide health services in the field of community health.

B 2. Training the student on how to conduct applied health practices for each disease case. evaluation of the efficiency of health care.

B3.Training the student on how to collect laboratory samples (blood - urine - Stool - etc.).

Teaching and Learning Methods

Traditional lecture, reporting, seminars, laboratory applied training, systematic training in the hospital and summer training.

Assessment methods

Daily written and oral tests, applied tests, seminars, partial and final examinations, commitments to assignments, attendance and obligations, feedback (student test in the previous subject), self-assessment (questions are placed for the student by teacher and the student answers questions as well as the teacher answers the same questions and asks the student to evaluate himself corresponding the teacher's answers), reports on scientific developments in the field of specialization, and analytical and productive questions .

C. Thinking Skills

C1. Achieving a preliminary diagnosis by obtaining information from the patient and knowing the history of the sick condition.

C 3. Self-education by studying the pathological cases presented by the student.

C4. Teamwork and voluntary work in collecting information on diseased cases.

Teaching and Learning Methods

Traditional lecture, self-learning, feedback, questions of inferred and analytical thinking, systematic training in laboratory and training in hospitals, and summer training .

Assessment methods

Simulation of the pathological condition, written, oral and applied tests, partial and final examinations, home-work, commitment to assignments such as the work of reports in the field of specialization and then discussion of reports, attendance commitment, feedback (student test in the previous subject), self-assessment (questions are asked to the student by the teacher), student answers questions as well as the teacher answers the same questions and asks the student to evaluate him (pondering of the teacher's answers), questions of conclusion and inference.

D. General and Transferable Skills (other skills relevant to employability and personal development)

D 1- Field visits to other health and service institutions.

D 2 - access to scientific developments around the world.

D3 - Practical training in scientific laboratories within the department - hospitals - health centers.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
١	5		Introduction to community health -	Daily test, daily posts, quarterly	Tests
٢	5		Disease, its causes, factors	Daily test,	Tests
3	5		Primary health care -	Daily test,	Tests
4&5	10		Vaccines Introduction	Daily test,	Tests
6	5		Expanded Program on	Daily test, daily posts,	Tests
7	5		Breastfeeding / its benefits	Daily test,	Tests
8	5		Diarrhea in	Daily test,	Tests
9	5		Dehydration in children -	Daily test,	Tests
١٠&11	10		Nutrition and food - the basic	Daily test,	Tests
12	5		Health education its goals, what	Daily test,	Tests
١٣	5		Environmental	Daily	Tests
١٤	5		Healthy water -	Daily	Tests
١٥	5		Waste and excreta disposal -	Daily test, daily posts, quarterly	Tests
١٦&١٧	10		Occupational	Daily	Tests
١٨&١٩	10		Maternal and	Daily	Tests

٢٠	5		School health - services - goals -	Daily test,	Tests
21	10		Rural health - the services -	Daily test,	Tests
٢٢	5		The health center - its activities -	Daily test,	Tests
٢٣	٥		Public health services	Daily test, daily posts	Tests
٢٤	٥		Prevention and control of disease	Daily test, daily posts	Tests
٢٥	٥		Endemic and	Daily test,	Tests
٢٦&٢٧	١٠		Some	Daily test,	Practical
٢٨	٥		Health and	Daily test,	Practical
٢٩	٥		Measures of	Daily test,	Practical
٣٠	٥		Health	Daily test,	Practical

11. Infrastructure	
Required reading:	* Curriculum book "Community Health"
Special requirements (include for example workshops, periodicals, IT software, websites)	*scientific journals that are concerned with public health community health. *Medical record; From Wikipedia, the free encyclopedia
Community-based facilities (include for example, guest Lectures , internship , field studies)	

12. Subject Development Plan:

1. Learn about modern scientific developments in the field of community health.
- 2 - Participation in international and local conferences.
- 3 - Participation in scientific workshops inside and outside Iraq.
- 4- Hosting scientific competencies in the field of specialization.
- 5- Continuous statistical studies to follow up the movement of diseases, especially the epidemiological ones.
- 6- Scientific twinning with corresponding departments in universities inside and outside Iraq.

13. Admissions	
Pre-requisites	Scientific Academic preparatory school graduate
number of students	100 student

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