

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

Academic Program Specification Form For The Academic

University: Middle Technical University
College : Technical Institute-kut
Department : Health community
Date Of Form Completion : 2016/11/10

Dean's Name
Date : / /

*Dean's Assistant For
Scientific Affairs*

Signature

Date : / /
Signature

Head of Department
Date : / /
Signature

Quality Assurance And University Performance Manager
Date : / /
Signature

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 | <i>Technical Institute-kt</i> |
| 2. University Department/Centre | Health community |
| 3. Programme Title | Biochemistry |
| 4. Title of Final Award | Technical Diploma |
| 5. Modes of Attendance offered | Morning and evening study |
| 6. Accreditation | World Health Organization |
| 7. Other external influences | Central appointment |
| 8. Date of production/revision of this specification | 2016/11/10 |
| 9. Aims of the Programme | |
| 1-Graduation of technical cadres working in the field of health and safety and health inspection and supervision of professional -2implementation of health care programs. .3Health Survey teams and health awareness campaigns 4-4-doctor's help in nursing and diagnostic and therapeutic procedures -5operation of medical devices used and take care of it 6-surveys of the transition teams disease and how to control it | |

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and Understanding

A1-being able to conduct some tests and analysis of blood and platelets.

B. Subject-specific skills

.B 1- identify blood urea components

B 2- pathological conditions and how they relate to blood urea

B 3- methods for preparation of a particular solution in vitro

Teaching and Learning Methods

.1Lectures

.2discussion and dialogue

.3The use of teaching aids

.4practical application

- 5Summer -Training

Assessment methods

Theoretical and practical and oral tests

C. Thinking Skills

C 1- implement assessment programs

.C 2- ability to deliver information through the display

C 3- information linking the reality of life.

Teaching and Learning Methods

1-direct diction.

2-means illustrations

Assessment methods

1- Daily test (written or oral)

2-monthly tests

- 3-Student reports
- 4- final exams

- D. General and Transferable Skills (other skills relevant to employability and personal development)
- D1-intellectual abilities of the student development
 - D2-skills capacity development
 - D3-dealing with the medical and laboratory measurement devices.

Teaching and Learning Methods

- 1- Diversifying the ways and give the student an opportunity to choose
- 2. Urge the student to conduct research and reports

Assessment Methods

- .1Follow-up reports
- 2. The final tests

11. Programme Structure

| Level/Year | Course or Module Title | Credit rating |
|------------|------------------------|---------------|
| first | Biochemistry | |

12. Awards and Credits

Technical diploma

13. Personal Development Planning

- 1- identify blood urea analyzes.
- 2- learn methods of preparation of certain solvents
- 3 -ways to collect blood samples and urea and examined

14. Admission criteria .

Preparatory School branch of scientific study
The average of at least 85%

15. Key sources of information about the programme

1. Clinical Chemistry (Ramzi Mohammed Omari and Sargon Isaac Joseph)

Curriculum Skills Map

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

| | | | Programme Learning Outcomes | | | | | | | | | | | | | | | | |
|--------------|--------------|------------------------------|-----------------------------|----|----|----|-------------------------|----|----|----|-----------------|----|----|----|--|----|----|----|--|
| Year / Level | Course Title | Core (C) Title or Option (O) | Knowledge and understanding | | | | Subject-specific skills | | | | Thinking Skills | | | | General and Transferable Skills (or) Other skills relevant to employability and personal development | | | | |
| | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | C1 | C2 | C3 | C4 | D1 | D2 | D3 | D4 | |
| first | Biochemistry | Assistance | | | = | | | | = | | | | | = | | | | = | |

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 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 should be cross-referenced with the programme specification.

| | |
|---|---|
| 1. Teaching Institution | University of Central technical educational institution / Technical Institute - kut |
| 2. University Department/Centre | Community Health department |
| 3. Course title/code | Biochemistry |
| 4. Programme(s) to which it contributes | Morning and evening study |
| 5. Modes of Attendance offered | World health organization |
| 6. Semester/Year | 2016-2017 |
| 7. Number of hours tuition (total) | 120 |
| 8. Date of production/revision of this specification | 10/11/2016 |
| 9. Aims of the Course | |
| -1-raising abuses for the stores under the health of the vacation .2Work in the Health Survey and health awareness campaigns 4-work transition surveys of disease teams | |

10. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

A 1-identification of members of ailments and blood and find out blood groups and diseases associated with it.

A 2-medical scales used to examine the efficiency of organ .

B. Subject-specific skills

B-1 - Work on statistical programs.

Teaching and Learning Methods

Theoretical lectures and practical

- Presentations
- Scientific visits
- summer training

Assessment methods

- * Direct oral questions
- * Exams fast daily
- * Aalvsalih and final exams

C. Thinking Skills

Teaching and Learning Methods

Theoretical lectures and practical

- Presentations
- Scientific visits
- summer training

Assessment methods

*Direct oral questions

* Exams fast daily

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

D1-isolating environmental pollutants and find out ways to avoid them

D2-prevention of infectious diseases, methods of ID

| 11. Course Structure | | | | | |
|----------------------|-------------------------------|--------------------------|---------------------------------------|---------------------------|-------------------------|
| Week | Hours | ILOs | Unit/Module or Topic Title | Teaching Method | Assessment Method |
| 1 | Practical 3 +theoretical 1 | Capacity building skills | Biochemistry / cell | Practical +theoretical | Daily and monthly tests |
| 2 | Practical 3 +theoretical 1 | Capacity building skills | Blood , urine , urinary deposit | Practical +theoretical | Daily and monthly tests |
| 3 | Practical 3 +theoretical 1 | Capacity building skills | electrolytes | Practical +theoretical | Daily and monthly tests |
| 4 | Practical 3 +theoretical 1 | Capacity building skills | carbohydrate | Practical +theoretical | Daily and monthly tests |
| 5 | Practical 3 +theoretical 1 | Capacity building skills | Types of carbohydrate , glycolysis | Practical +theoretical | Daily and monthly tests |
| 6 | Practical 3 +theoretical 1 | Capacity building skills | Carbohydrate metabolism | Practical +theoretical | Daily and monthly tests |
| 7 | Practical 3 +theoretical 1 | Capacity building skills | Protein (classification) | Practical +theoretical | Daily and monthly tests |
| 8 | Practical 3 +theoretical 1 | Capacity building skills | Properties of protein | Practical +theoretical | Daily and monthly tests |
| 9 | Practical 3 +theoretical 1 | Capacity building skills | lipid | Practical +theoretical | Daily and monthly tests |
| 10 | Practical 3 +theoretical 1 | Capacity building skills | Classification of lipid | Practical +theoretical | Daily and monthly tests |
| 11 | Practical 3 +theoretical 1 | Capacity building skills | Carbohydrates | Practical +theoretical | Daily and monthly tests |
| 12 | Practical 3 +theoretical 1 | Capacity building skills | Proteins, types, normal value in body | Practical +theoretical | Daily and monthly tests |
| 13 | Practical 3 +theoretical 1 | Capacity building skills | Cholesterol | Practical +theoretical | Daily and monthly tests |
| 14 | Practical 3 +theoretical 1 | Capacity building skills | enzymes | Practical +theoretical | Daily and monthly tests |
| 15 | Practical 3 +theoretical 1 | Capacity building skills | Hydrolytic enzymes | Practical +theoretical | Daily and monthly tests |
| 16 | Practical 3 +theoretical 1 | Capacity building skills | GPT & GOT | Practical +theoretical | Daily and monthly tests |
| 17 | Practical 3 +theoretical 1 | Capacity building skills | Hormones | Practical +theoretical | Daily and monthly tests |
| 18 | Practical 3 +theoretical 1 | Capacity building skills | Adrenal hormones | Practical +theoretical | Daily and monthly tests |

| | | | | | |
|----------|-------------------------------|--------------------------|--|------------------------|-------------------------|
| 19 | Practical 3 +theoretical 1 | Capacity building skills | Pancreatic hormones | Practical +theoretical | Daily and monthly tests |
| 20 | Practical 3 +theoretical 1 | Capacity building skills | Pituitary gland hormones | Practical +theoretical | Daily and monthly tests |
| 21 | Practical 3 +theoretical 1 | Capacity building skills | Vitamins | Practical +theoretical | Daily and monthly tests |
| 22 | Practical 3 +theoretical 1 | Capacity building skills | Types of vitamins | Practical +theoretical | Daily and monthly tests |
| 23 | Practical 3 +theoretical 1 | Capacity building skills | Hormones, types, normal values | Practical +theoretical | Daily and monthly tests |
| 24 | Practical 3 +theoretical 1 | Capacity building skills | Kidney function tests, urea, normal values | Practical +theoretical | Daily and monthly tests |
| 25 | Practical 3 +theoretical 1 | Capacity building skills | Kidney function test | Practical +theoretical | Daily and monthly tests |
| 26 | Practical 3 +theoretical 1 | Capacity building skills | Creatinine | Practical +theoretical | Daily and monthly tests |
| 27 | Practical 3 +theoretical 1 | Capacity building skills | Creatinine clearance | Practical +theoretical | Daily and monthly tests |
| 28-29-30 | Practical 3 +theoretical 1 | Capacity building skills | Liver function test | Practical +theoretical | Daily and monthly tests |

12. Infrastructure

Required reading:
 · CORE TEXTS
 · COURSE MATERIALS
 · OTHER

the book systematically

Special requirements (include for example workshops, periodicals, IT software, websites)

Web sites related to Article

Community-based facilities (include for example, guest Lectures , internship , field studies)

1. Clinical Chemistry (Ramzi Mohammed Omari and Sargon Isaac Joseph)

13. Admissions

Pre-requisites

Minimum number of students

50

Maximum number of students

150

