

## Academic Program Specification Form for The Academic Year 2021-2022

University: Al-kitab university  
College: Medical technology  
Number Of Departments In The College: 6  
Date Of Form Completion :2022/12/20



Head of Department Name

Assist.Prof. dr. Laith qased alharbawi

Date: 24 / 12 / 2022

Signature

Ahmed Al-Sayid  
Quality Assurance And University  
Performance Manager

Date: 21 / 2 / 2022

Signature



Dr. S. S. Al-Jabbari  
Dean's Assistant For  
Scientific Affairs

Date: 25 / 1 / 2023

Signature

Dean's Name

Date: / / 2022

Signature

Dr. Abd Al-Rasoul Khayr Al-Bayati  
Dean of the Faculty of Applied Sciences

## TEMPLATE FOR PROGRAMME SPECIFICATION

### HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

#### PROGRAMME SPECIFICATION

The academic program is based on teaching the student the basics of examining and treating vision and how to understand and analyze the physiology of vision, by studying the theoretical and scientific side of the academic campuses in line with modern trends in treating and correcting vision and prescribing lenses and medical glasses.

1. Teaching Institution	Al-Kitab University
2. University Department/Centre	Medical tech/ Anesthesia-Dept
3. Program Title	Anesthesia Department Program
4. Title of Final Award	Bachelor's degree in Anesthesia
5. Modes of Attendance offered	Yearly
6. Accreditation	Ministry of Higher Education and Scientific Research
7. Other external influences	Educational laboratories within the college, hospital laboratories, scientific research projects and field visits
8. Date of production/revision of this specification	30 \ 01 \ 2022
9. Aims of the Program	
1. The Department of Anesthesia aims to graduate specialized civilian staff to work in hospitals, optometry centers and private clinics	
2. A graduate of the Department of Anesthesia should be able to check eyesight	
3. A graduate of the Department of Anesthesia will be able to determine the degree of vision and correct strabismus	
4. A graduate of the Department of Anesthesia should be able to fit lenses for	

eyeglasses and use a computer

In the operations of checking and correcting eyesight and repairing glasses

## 10. Learning Outcomes, Teaching, Learning and Assessment Methods

### A. Knowledge and Understanding

A1- Knowledge and complete familiarity with the basics of optics techniques and the sciences on which vision examination and correction is based.

A2- Organizing and perceiving cognitive information in preparation for its functional use.

A3- Work to solve problems intellectually according to the available data

A4- Continuing to think and create according to scientific and intellectual data.

### B. Subject-specific skills

B1 - Applying the information and putting it into practice in hospitals and optometry centers

B 2 - the student be able to use and maintain laboratory equipment for optics techniques

B3 -

### Teaching and Learning Methods

- Explanation and clarification through lectures
- The method of displaying scientific materials on data show devices, smart boards.
- Self-education by preparing reports in laboratories of disease cases

### Assessment methods

1. Short Exams
2. Semester and final exams for practical and theoretical subjects
3. Interaction in the lecture hall
4. Reports
5. Graduation projects
6. summer training

### C. Thinking Skills

C1- Draw attention through the application programs on the display screen

C 2- Response Follow-up to the extent of the student's interaction with the scientific material

C 3 - Forming the value behavior, that is, the student reaches the value of the emotional ladder, so that he has a stable level in the lesson and does not become lazy or fidgety.

Teaching and Learning Methods
<ol style="list-style-type: none"> <li>1. Active participation in the classroom is evidence of student commitment and responsibility</li> <li>2. Semester and final exams express commitment and cognitive and skill achievement</li> <li>3. Commitment to the deadline specified in preparing the required duties and reports</li> </ol>
Assessment methods
<ol style="list-style-type: none"> <li>1. Interaction in the lecture hall</li> <li>2. homework</li> <li>3. Active participation in the lesson</li> <li>4. Commitment to the time specified in attendance for lectures and laboratories.</li> <li>5. After the daily, quarterly and final tests on commitment and desire for cognitive and skill achievement.</li> </ol>

<p>D. General and Transferable Skills (other skills relevant to employability and personal development).</p> <p>D1 - Develop the student's ability to deal with technical means.</p> <p>D 2- To develop the student's ability to dialogue and discussion.</p> <p>D3- Develop the student's ability to deal with e-learning.</p> <p>D 4- To develop the student's ability to follow the video lectures.</p>
Teaching and Learning Methods
<ul style="list-style-type: none"> <li>o Explanation and clarification through theoretical and practical lectures.</li> <li>o Graduate Research Projects.</li> <li>o Scientific visits.</li> <li>o summer training.</li> </ul>

## Assessment Methods

1. Short Exams
2. Homework.
3. Semester and final exams.
4. Interaction within the theoretical and practical lecture
5. Reports

11. Programme Structure					12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating		
			T	P	
First	1&2	Anatomy	2	2	Bachelor Degree Requires (148) credits
	1	General chemistry	2	2	
	1&2	Medical physics	2	2	54
	1	Biology	2	2	
	1&2	Computer principles	1	2	
	1&2	English Language	2	-	
	1&2	General physiology	2	2	
	1	Human Rights and democracy	2	-	
	2	Biochemistry	2	2	
	2	Microbiology	2	2	
	2	Biosafety and security	2	-	
	2	Arabic language	2	-	

Second	1&2	Applied Physiology	2	2	52
	1&2	Basic of anesthetic equipment	2	2	
	1&2	Basic of anesthesia	2	2	
	1&2	<b>Basic of surgery</b>	1	2	
	1&2	<b>Pharmacology</b>	2	2	
	1&2	<b>Basic of medicine</b>	2	2	
	1	<b>Medical terminology</b>	2	-	
	2	<b>Statistics</b>	1	2	

third	1&2	Anesthesia	2	2	44
	1&2	Basic of intensive care	2	2	
	1&2	Anesthesai equipment technology	2	2	
	1&2	Medicine	2	4	
	1&2	Surgery	1	2	
	1&2	<b>Computer applications</b>	1	2	

Forth	1&2	Advance anesthesia	2	2	48
	1	Anesthesia equipment technology	2	2	
	1&2	Intensive care technology	2	2	
	1&2	Advance medicine	2	2	

	1	Pain medicine	2	2	
	1	Professional ethics	2	-	
	2	Graduation project	-	6	

### 13. Personal Development Planning

1. Developing the capabilities of the student by visiting governmental and private hospitals and workshops.
2. Preparing and delivering reports and seminars.

### 14. Admission criteria.

Central, according to the requirements of the Ministry of Higher Education and Scientific Research / Private Education.

### 15. Key sources of information about the program

- Textbooks.
- Websites of Iraqi and foreign universities.
- Workshops held by the Ministry of Higher Education in addition to the Ministry's standards.











