

نموذج وصف المقرر

**Review the performance of the higher education institution  
((review of the academic program)**

وصف المقرر

**This course description provides a summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, proving whether he has made the most of the available learning opportunities and must be linked to the program .description**

<b>1. Educational Institution</b>	<b>Al-Zahrawi University College - Ministry of Higher Education and Scientific Research</b>
<b>2. University Department / Center</b>	Department of Dentistry
<b>3. Course Name / Code</b>	
<b>4. Programs in which it is included</b>	
<b>5. Available Forms of Attendance</b>	Weekly
<b>6. Semester / Year</b>	Semester
<b>7. Total Number of Study Hours</b>	4 hours weekly
<b>8. Date of preparing this description</b>	19/5/2025

**8. Aims of the Course**

1. Develop their knowledge to understand principal types of cell adaptations.

2. Explain the causes and types of cell injury.

3. Describe the types of inflammation with their effects.

4. Determine the process of wound healing and its pathological aspects.

5. Develop knowledge about disturbance of body fluid and edema formation.

6. Realize the disorders of clotting system, with their causes and types.

7. Build up their Knowledge about tumors, carcinogenesis, clinical aspects of neoplasia, and prognosis.

8. Differentiate between benign and malignant tumors.

9. Estimate the stage and grade of the malignant tumors.

10. Describe the types of infectious agents and the pathogenesis of infectious diseases.

11. Develop their knowledge about immunopathology, and the concept of autoimmune diseases.

12. Realize the molecular disorders, and genetic diseases.

13. Have practical experience in prepare histopathological slides, using routine H&E Stain.

14. Have practical experience to describe pathological changes developed on tissue and reach to the right diagnosis.

15. Develop their knowledge to understand principal types of cell adaptations.

9. Learning Outcomes, Teaching ,Learning and Assessment Methode

#### A- Cognitive goals .

A1- That the student understand modern concepts and the development of knowledge in the field of pathology

A 2- To classify the relationship between diseases affecting the body and mouth and the diagnostic methods used

A3- To identify the methods used and the steps required to diagnose various diseases

A 4- To apply modern methods in determining dental and oral diseases

#### B. The skills goals special to the course.

B1 - The student should identify the different types of samples used in pathological diagnosis

B2 - The student will distinguish between the types of tissue biopsies and the way they are used in histological diagnosis

B3 - To differentiate between the various types of morphological and functional changes of cells and tissues and their relationship to diseases that affect the body

#### Teaching and Learning Methods

1- The method of giving lectures.

2- Student Center

3- Team Project Student Groups

4- Work Shop Workshops

5- Scientific trips to identify the multiple cases of diseases of the body in general and the mouth in particular

6- Learning Technologies on Campus E-learning on campus by uploading lectures on the college's website for lectures by teachers in the college

7- Experimental Learning Experimental learning In our college, laboratory experiments and educational clinics

Application Learning) The application of applied learning and in our college within the summer training program for students

#### Assessment methods

1- Conducting theoretical and practical tests

2- Seminars delivered by students within the course

3- Feedback by students within the forms specified for assessment

4- Learning Triangle

#### C. Affective and value goals

C1- The skill of thinking according to the student's ability so that the student depends on his abilities to think reasonably

C2 - Understanding when, how, what and how to think improves the ability to think

C 3- High thinking skill so that the student learns to think well before he makes a decision himself

C4 - Critical thinking strategy in education

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D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)

D1 - verbal communication  
Able to speak confidently and express better with confidence

D2- Teamwork (working with confidence in a group)

D3 - Analysis and investigation  
Gathering information in a systematic and scientific way to establish facts and principles to solve the problem of communicable diseases and tumors

D4 - Planning and Organizing: The ability to plan activities and implement them effectively to practice work in pathology educational laboratories.

D5 - Flexibility: Adapt successfully to changing situations and different environments, such as learning about the use of many devices and methods used to diagnose diseases.

D6 - Time management: Effective time management, prioritization of tasks, and the ability to work on predetermined and accurately calculated dates.

10. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
General concepts of pathology	According to the weekly schedule	The student distinguishes between the general concepts in pathology as well as the general characteristics of diseases	pathology	Theoretical lectures and educational laboratories	Theoretical and practical exams and seminars, as well as feedback from students and the learning triangle

## 11. Infrastructure

1. Books Required reading:	1-Robbins and Cotran , 2017 .Pathologic basis of disease, 10th edition. Elsevier Saunders
2. Main references (sources)	1-Muris text book of pathology, 2014. 14 edition. 2-J.C.E. 2006 General and systematic pathology, 4th edition. Underwood 3-Rosi and Ackerman 2010. Manual of Surgical pathology . 9th edition. Mosby 4-V. Krishna 2004 . Text book of pathology. 1st edition. Orient Longman. 5-B.K.B. Berkovitz 2005 . Oral Anatomy, histology and embryology.3rd edition. Mosb
A- Recommended books and references (scientific journals, reports...).	Held scientific symposia in many specialties of dentistry and basic sciences, including pathology and pathology
B-Electronic references, Internet sites...	

<b>11.</b>	
<b>Prerequisites</b>	
<b>Minimum Number of Students</b>	
<b>Maximum Number of Students</b>	

**Name of the Instructor: L.AM,AR EESA MAHDI**

