

**Republic of Iraq**

 **The Ministry of Higher Education**

 **& Scientific Research**

**University: Al-Qadissiyah**

**College: Biotechnology**

**Department: Medical Biotechnology**

**Stage: First Year Histology**

**Lecturer name: Hadeel jabar**

**Academic Status: Assist. Professor**

**Qualification: McS**

**Place of work: Associate Dean for Administrative Affairs**

**Course Weekly Outline**

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| --- | --- |
| **Course Instructor** | **Hadeel jabar neama** |
| **Email** |  |
| **Title** | **Histology** |
| **Course Objective** | * Basic principles - the concepts in this block guides the student through cell structure and basic tissues - the study of the basic building materials that make up every tissue and organ in the body.
* Musculoskeletal - this block guides students through identification and understanding of the structural and functional relationship between muscle and bone, the cellular basis for physiological function
* of histological structure.
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| **Course Description** | * The goal of the course is to enable students acquire the ability and skills necessary for recognizing normal tissue and organ structure and organization, correlate and integrate structure of tissues and organs with physiological and biochemical function, and apply the knowledge and understanding of tissue structure and function to disease processes, pathologies, manifestations, diagnosis, and treatment.
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| **References** | **Lippincott’s Pocket Histology by Lisa M. J. Lee 2014****Ross and Wilson Anatomy and Physiology in health and illness 11th edition 2010** |
| **Course Assessment** | Term Tests | Laboratory | Quizzes | Project | Final Exam |
| As (35%) | As (15%) | As (10%) | ---- | As (40%) |
|  |  |  |  |  |  |



**University: Al-Qadissiyah**

**College: Biotechnology**

**Department: Medical Biotechnology**

**Stage: First Year Histology**

**Lecturer name: Dr. Miran ALRAMMAHI**

**Academic Status: Assist. Professor**

**Qualification: PhD**

**Place of work: Associate Dean for Administrative Affairs**

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**Course weekly Outline**

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| --- | --- | --- | --- | --- |
| **week** | **Date** | **Topics Covered** | **Lab. Experiment Assignments** | **Notes** |
| **1** |  |  | **EPITHELIA-1** |  |
| **2** |  |  | **EPITHELIA-2** |  |
| **3** |  |  | **CONNECTIVE TISSUE** |  |
| **4** |  |  | **BLOOD & HAEMOPOIESIS** |  |
| **5** |  |  | **NERVE CELLS** |  |
| **6** |  |  | **MUSCLE TISSUE** |  |
| **7** |  |  | **BONE & CARTILAGE** |  |
| **8** |  |  | **LYMPHOID TISSUE** |  |
| **9** |  |  | **URINARY** |  |
| **10** |  |  | **ENDOCRINE** |  |
| **11** |  |  | **CARDIOVASCULAR SYSTEM** |  |
| **12** |  |  | **RESPIRATORY SYSTEM** |  |
| **13** |  |  | **MALE REPRODUCTIVE** |  |
| **14** |  |  | **MAMMARY GLAND** |  |
| **15** |  |  | **EYE & EAR** |  |
| **16** |  |  |  |  |

**Instructor Signature: Dean Signature:**