

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	General Histology
Course number	DENT2204
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	1
Credit hours (practical)	1
Course Prerequisites	

#### Course Objectives

1 - understand the main terms of the histology (tissue,cells,junctions...)
2 - understand the basic components of the cells and the cells organells
3 - know the different types of body tissues
4 - diffrentiate between the diffrent types of epithelial tissue
5 - diffrentiate between the diffrent types of connective tissues
6 - realize the main rule of "form follow function"

#### Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> <li>* know the different types of body tissues</li> <li>* understand the main terms of the histology (tissue,cells,junctions...)</li> <li>* understand the basic components of the cells and the cells organells</li> </ul>
Intellectual Skills	<ul style="list-style-type: none"> <li>* diffrentiate between the diffrent types of connective tissues</li> <li>* diffrentiate between the diffrent types of epithelial tissue</li> </ul>
Professional Skills	<ul style="list-style-type: none"> <li>* realize the main rule of "form follow function"</li> </ul>
General Skill	<ul style="list-style-type: none"> <li>* improve the students ability of observation</li> <li>* improve the students ability of logicak thinking</li> <li>* improve the students ability of discussion</li> </ul>

---

## Course Contents

- |  |
|--|
| 1 - The cell                               |
| 2 - Epithelium                             |
| 3 - Connective tissue                      |
| 4 - Cartilage                              |
| 5 - Bone                                   |
| 6 - The Blood                              |
| 7 - Lymphatic system                       |
| 8 - Muscular tissue                        |
| 9 - Nervous tissue                         |
| 10 - Oral cavity and associated structures |

---

## Teaching and Learning Methods

- |                       |
|-----------------------|
| 1 - powerpoint slides |
| 2 - assignments       |
| 3 - discussions       |

---

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
midterm	7th week	50
final	14th week	50

---

## Books and References

Course note	general histology	department members
-------------	-------------------	--------------------

## Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
The cell	1st week	understand the basic components of cells	realize the functions of each organell realize the role of nucleus	improve the students understanding of the human body at a cellular level	improve the understanding ability of students
Epithelium	2nd week	understand the naming and description of epithelial tissues understand the structure and junctions between cells in the epithelium tissue	realize the diffrent functions of each type of epithelium	improve the students understanding of the oral cavity	improve the students ability of observation
Connective tissue	3rd week	understand the cellular components of C.T understand the different types of fibers in the C.T	realize the the different function of each cell in the C.T realize the different functions of each type of fibers found in the C.T realize the functions of each type of C.T	have a good ability in discuss the functions and importance of connective tissues	improve the students ability in analyzing data improve the students ability in logical thinking
Cartilage	4th week	understand the components of cartilage understand the growth of cartilage	realize the relation between cartilage and bone	have a good ability in explain the two modes of cartilage growth and its relation to the bone growth	improve the students ability of linking information
Bone	4th , 5th week	understand the components of bone understand the types of bone	realize the two modes of bone growth	have a good ability in explanation of the functions of bone and the bone growth of the jaws	improve the students ability of logical thinking
The Blood	6th, week	understand the composition of blood understand the diffrences between the diffrent blood cells	realize hte diseases related to the blood cell realize the functions of blood	have a good ability in explaining the immune functions of lymphocytes	improve the students ability of linking information

Lymphatic system	8th week	understand the components of lymphatic system under stand the structure of lymph node understand the structure of the lymphatic vessels	realize he mechanism of lymph filtration realize the functions of lymphatic system	improve the students ability in understanding the immune function of the lymphatic system	improve the students ability of logical thinking
Muscular tissue	9th week	understand the structure of the Muscular tissue	realize the different between each type of muscles	have a good explanation of the muscles actions	improve the students ability of observation
Nervous tissue	10th wek	understand the structure of nervous system	realize the function of nervous system	explain the transmission of the electric signal through the nervous system	improve the students ability of linking information
Oral cavity and associated structures	11th 12th 13th week	understand the histological structure of the oral cavity	realize the correlation between the histological structure and functions of oral cavity	have a better idea about the structure and functions of the oral cavity	improve the students ability of observation