



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Histology

Course Specifications

Histology for chest Master degree

2021-2022

Histology for chest Master degree Course specifications

University: Tanta

Faculty: Medicine

Department: Histology

A- administrative Information

1- Course title: Histology for Chest master degree

2- Department offering the program: Chest Department

3- Department responsible for the course: Chest and Histology departments

4- Course code: CHEST 8001

5- Level: First level

6- No. of Credit / taught hours:

(First part): 1 credit hour (histology) : 10 actual hs as a theoretical & 10 actual h as a practical (2/3 credit hs as a theoretical & 1/3 credit h as a practical/week)

7-Authorization date of course specification: 21-8-2020

B- Professional Information

1 – Overall course aims

Our course aims to:

- To provide candidate with knowledge concerning the detailed histological structure and ultrastructure of all cellular components, different tissues and systems of human body in addition to its correlation to biological activities.
- To provide candidate with knowledge concerning the detailed histological structure with more details for the respiratory system.
- To provide candidate with knowledge concerning cytogenetics and its role in the diagnosis of different genetic diseases..

2 – Intended learning outcomes (ILOs):

a. Knowledge and understanding:

By the end of the course the candidate will be able to:

a1 Describe the detailed structure and functions of the cytoplasmic and nuclear components with correlation to biological cellular activities.

a2 – Describe the detailed histological structure of different tissues and systems of human body.

a3 - Describe cytogenetics and its role in the diagnosis of different genetic diseases.

b. Intellectual skills:

By the end of the course the candidate will be able to:

b1- Select appropriate histological structures to reveal specific components of cells and tissues.

b2- Predict the cellular or tissue components in different tissues.

b.3 -Relate the composition of each tissue type to its specific functions.

c. Professional and practical skills :

By the end of the course the candidate will be able to:

C1- diagnose different normal tissue structures.

C.2- Write a professional descriptive report related to structure.

c.3- use cytogenetics in the diagnosis of different genetic diseases.

d. General and transferable skills:

By the end of the course the candidate will be able to:

d1- work in a teamwork and cooperate with other colleges

3-Course contents

(First part): Histology

Topics	No. of actual hours/week	
	Lecture h.	practical
1. Introduction	½	----
2. Cytology (Cell membrane)	1	½
3. Ribosome Mitochondria	½	½
Enoblasimc reticulum,Golgi	1	½
4. Lysosome, Peroxisome –Endosome	½	½
Annulate lamella	1	
5. Cytoskeleton	1	1
6. Epithelium	½	1
7. Cartilage	½	1
8. Connective tissue(Cells and fibers)	1	1
9. Blood	½	1
10. Cardio vascular system	½	1

11. Muscle tissue	½	1
12. Endocrine system(suprarenal gland)	½	1
13. Respiratory system	½	----
14. Respiratory system		---
15. EXAM		

4-Teaching and learning methods

(illustrated lectures: online, small groups , tutorial:attendance)

5-Student Assessment : may be electronic but inside the faculty , face to face

5.1... written to assess (a.1,2,3) (in the form of 8 essay qus ,3 draw only Qus and 15 MCQs)

5.2 ...oralto assess...(b. 1,2,3, , C . 1,2,3, d. 1) (1 sessions each of 2 professors)

6- Weighing of assessments

Final term written examination	% 60 (15)
Oral examination	% 20 (5)
Practical/laboratory work	%20 (5)
Periodical examinations	- (non formal) seminars.
Semester work	-
Other types of assessment	
Total	100% (25)

7- List of references

7.1 Course notes

7.2 Text books

Junqueira, L. C. and Carneiro, J. (2005): Basic Histology, 11th edition. McGraw-Hill. Medical publishing division.

Fawcett, D. W. (1994): Bloom and Fawcett: A Textbook of Histology, 12th edition. Chapman &Hall, NewYork, London.

Fawcett, D. W. and Jensch, P. R. (2002): Bloom and Fawcett. Concise histology. 2nd edition. Arnold-Hodder headline group.

Cormack, D. H. (2001): Essential Histology. 2nd edition. Lippincott Williams & Wilkins.

Culling, C. F. A.; Allison, R. T. and Barr, W. T. (1985): cellular pathology techniques. 4th edition, Butterworth, London, Boston, Toronto.

-Practical Books

Bancroft, J. D. and Cook, H. T. (1994): Manual of histological techniques and their diagnostic applications. Churchill Livingstone, Edinburgh, London, New York, Tokyo.

7.3 Recommended books

Eroschenko, P. V. (2005): Difiore's atlas of histology with functional correlations. 10th edition. Lippincott Company.

Gartner, P. L. and Hiatt, L. J. (2001): Color textbook of histology. 2nd edition. W.B. Saunders Company.

Cormack, D. H. (1997): Essential Histology. J.B. Lippincott Co., Philadelphia.

Cormack, D. H. (1987): Ham's Histology, 9th edition. J.B. Lippincott Co., Philadelphia.

7.4 Periodicals and web sites

- Egyptian Journal of Histology (<http://www.ejhistology.eg.net>)
- WWW.wikipedia.org/wiki/Histology
- www.histology-world.com

8-Other resources/ facilities required for teaching and learning to achieve the above ILOs:

1-Faculty Lecture halls

2- equipped labs with microscopes.

3-Faculty library can be used for projects and textbooks

9-we certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

Course Specifications: Histology for chest Master degree, 2020-2021

We verify that the above course and the analysis of students and external evaluator opinions are accurate.

Course coordinator:

Name : .Dr. Amal Ali Ahmed Abd El Hafez. Signature.....Date.....

Head of department:

Name : Prof. Dr. Ehsan Farouk Salah. Signature.....Date.....