



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Chest

Course Specifications

Histology for chest Diploma Degree

2021-2022

Histology for chest diploma degree Course specifications

University: Tanta

Faculty: Medicine

Department: Histology

1- Administrative Information

1- Course title: Histology for Chest diploma degree

2- Department offering the program: Chest Department

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

4- Course code: CHEST 7001

1. 5- Authorization date of course specification: 21-8-2019

2- 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 cytogenetic 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 cytogenetic 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

Topics	No. of hours	
	Theoretical	practical
1-Introduction	1	1
2-Cytology and cytogenetics	1	1
3-Epithelium	1	1
4- Blood and Haemopoeisis	1	1
5- Muscle tissue	1	1
6- Cardio vascular system	1	1
7- Lymphatic system	1	1
8- Respiratory system	2	2
9- Endocrine system	1	1
Total	10	10

4- Teaching and learning methods:hybride

(Illustrated online lectures, small groups, attendingtutorial)

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- List of references

6.1 Course notes

6.2 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, New York, 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.

6.3 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.

6.4 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

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

Course coordinator and head of department

name.....signature.....Date.....

Head of quality assurance unit:

name.....signature.....Date.....

