



## COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

### (A) Administrative information

(1) Programme offering the course.	Medical Doctorate in Tropical Medicine
(2) Department offering the programme.	Tropical Medicine
(3) Department responsible for teaching the course.	Pathology Department
(4) Part of the programme.	1 <sup>st</sup> part
(5) Date of approval by the Department's council	11-5-2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title	Applied pathology related to Tropical Medicine
(8) Course code.	TROP 605
(9) Credit hours	3 hours
(10) Total teaching hours.	45 hour

(B) Professional information

(1) Course Aims.

The broad aims of the course are as follows.

**-To enable students to understand the pathology of infective agents and their interaction with the host and to use this knowledge in combination with epidemiological and public health approach to develop rational strategies for the control and treatment of infections, also gaining clinical experience in management of Tropical, endemic and infectious diseases.**

## **(2) Intended Learning Outcomes (ILOs):**

Intended learning outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

### **A- Knowledge and Understanding**

- A-1. Identify the essentials and core material of general pathological conditions and describe its relationship and clinical implications related to infectious processes.
- A-2. Define various hepatic pathological conditions and recall different classifications of liver pathology
- A-3. Identify important gastrointestinal tract pathological conditions
- A-4. Recognize disorders of the lymphatic system and record most of lymphatic pathogens with characteristic microscopic features
- A-5. Define the major role of the spleen in different infectious disorders involving the liver and other body system
- A-6. Identify pathological conditions of the central nervous system
- A-7. Recall malignant conditions of infectious origin and locate its anatomical sites.

B- Intellectual skills

B1- Evaluate the basic science of pathology and assess clinical practice to explain the various phenomena of infectious diseases & Tropical and gastrointestinal disorders

B2- Manage relevant and current data from literature, and clinical observations to help solve pathological problems.

**(3) Course content:**

<b>Subjects</b>	<b>Lectures</b>	<b>Total Teaching Hours</b>
<b>General pathology</b> <ul style="list-style-type: none"><li>- Inflammation</li><li>- Granulomas</li></ul>	<b>4</b>	<b>4</b>
<ul style="list-style-type: none"><li>- Infections</li></ul>	<b>3</b>	<b>3</b>
<ul style="list-style-type: none"><li>- Circulatory disturbance</li></ul>	<b>2</b>	<b>2</b>
<ul style="list-style-type: none"><li>- Immunopathology</li></ul>	<b>2</b>	<b>2</b>
<ul style="list-style-type: none"><li>- Vitamin deficiency</li></ul>	<b>2</b>	<b>2</b>
<b>Liver pathology</b> <ul style="list-style-type: none"><li>-Viral hepatitis</li><li>- Chronic hepatitis</li><li>- Metabolic liver disease</li><li>- Liver cirrhosis</li><li>- Parasitic liver diseases</li><li>- Hepatocellular carcinoma</li></ul>	<b>10</b>	<b>10</b>
<b>Gastro-intestinal tract pathology</b> <ul style="list-style-type: none"><li>- GERD and its complications</li><li>- Peptic ulcer disease</li><li>- Inflammatory bowel disease</li><li>- Infectious colitis</li></ul>	<b>8</b>	<b>8</b>
<b>Lymphatic diseases</b> <ul style="list-style-type: none"><li>-Lymphadenopathy</li><li>- Lymphedema</li></ul>	<b>2</b>	<b>2</b>
<b>Spleen and infection</b>	<b>2</b>	<b>2</b>
<b>Central nervous system pathology</b> <ul style="list-style-type: none"><li>- Meningitis</li><li>- Encephalitis</li><li>- Cerebral malaria</li><li>- Bovine spongiform encephalopathy</li></ul>	<b>8</b>	<b>8</b>
<b>Tropical malignancies</b>	<b>2</b>	<b>2</b>
<b>TOTAL</b>	<b>45</b>	<b>45 (3 credit hours)</b>

(4) Teaching methods.

4.1. Lectures.

4.4. Problem-solving sessions

(5) Assessment methods.

5.1. Written exam. For assessment of A1 to A7, and B1

Percentage of each Assessment to the total mark (100)

Written exam: 80% (80)

MCQ: 20% (20)

(6) References of the course.

6.1. Hand books: Kumar, Cotran & Robbins, Basic pathology.

6.2. Text books: Walter & Israel General pathology.

6.3. Journals: Journal of Tropical Medicine and Hygiene, American journal of tropical medicine, Journal of Hepatology, Hepatology, Liver, Gut, Journal of digestive disease, Gastro-intestinal endoscopy, Journal of clinical microbiology, Journal of virology.

6.1. Websites: [http:// www.pathmax.com](http://www.pathmax.com)

[http:// www.medlib.med .utah.edu/Web Path / LABS/ LABMENU. Html](http://www.medlib.med.utah.edu/WebPath/LABS/LABMENU.Html)

<http://www.medscape.com/pathologyhome>

<http://www.qwumc.edu/dept/path/2f.htm>

(7) Facilities and resources mandatory for course completion.

1- lecture hall.

2- Teaching aid as computer, data show projector, laser pointer.

**Course coordinator:** Dr Mahmoud Abdel-Aziz

**Assistant :** Dr. Muhammad Diasty

Dr. Walaa Shabana

**Head of the department:** Prof. Mahmoud El-Bendary