COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate **MD** Programme of Neurology
(2) Department offering the programme:	Neurology department
(3) Department responsible for teaching the course:	Pathology department
(4) Part of the programme:	First part in semester Number 1
(5) Date of approval by the Department`s council	**27/4/2016**
(6) Date of last approval of programme specification by Faculty council	**9/8/2016**
(7) Course title:	Applied Pathology of Nervous system
(8) Course code:	NRL 605
(9) Total credit hours:	2
(10) Total Teaching Hours	30

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

1- Make the candidate able to interpret neurological pathophysiology.

2- Provide the candidate with the ability to understand, reflect and meet the needs of our local community and respond appropriately to cultural and medical needs.

3- Educate the candidate how to make continuous self-development and how to transfer knowledge and skills to others.

4- Educate the candidate how to act with integrity, honesty and respecting medical ethics.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding

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

A1 Mention the common theories and factors explaining the etiology in various neurological disorders.

A2 Recognize the pathogenesis and types of inflammation, infection, cell death, degeneration and regeneration.

A3 Identify, types, etiology, pathophysiology, pathogenesis of the following Diseases of CNS (Developmental, Demyelinating, Infections, Vascular, Degenerative and Tumors).

A4 Identify, types, etiology, pathophysiology, pathogenesis of the following Diseases of PNS (Myopathy and Neuropathy).

B- Intellectual skills:

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

B1 Analyze efficiently and construct the most appropriate diagnosis and possible differential diagnosis and to achieve clinical decisions in different situations.

B2 Interpret accurately the pathophysiology of different neurological diseases.

(3) Course content:

Subjects			Lectures	Clinical	Laboratory/ Practical	Total Teaching Hours
General:	Inflammation		2			2
	Infection		2			2
	Cell death, Necrosis, apoptosis		2			2
	Degeneration & regeneration		2			2
Systemic:	Diseases Of CNS	Developmental	2			2
		Demyelinating	3			3
		Infections	2			2
		Vascular	3			3

		Degenerative	3			3
		Tumors	3			3
	Diseases Of PNS	Muscle disease	3			3
		Nerve disease	3			3
Total Teaching Hours			30 hours			

(4) Teaching methods:

Lectures.

(5) Assessment methods:

Assessment method	Intended learning Outcomes
5.1 MCQ	A1, 2, 3, 4, B1, 2.
5.2 Written exam	A1, 2, 3, 4, B1, 2, C1, 2, 3, D1, 2, 3.

Assessment schedule:

Final exam after 6th month from admission to MD degree with total of 100 marks

Percentage of each Assessment to the total mark:

MCQ exam: 20 marks; 20% of the total mark

Written exam: 80 marks; 80% of the total mark

Other assessment without marks:

Log book for assessment of the attendance and activities throughout the course (Minimum acceptance attendance is 75 %), it should be fulfilled and signed by Head of the department.

(6) References of the course:

6.1: **Hand books:** Book authorized by department of pathology.

6.2: **Text books:** Neurology in clinical practice, Textbook of clinical neurology.

6.3: Journals: Acta Neuropathologica, European Journal of Neuroscience, Nature Reviews Neuroscience

6.4: Websites: http://emedicine.medscape.com/
http://neuromuscular.wustl.edu/
http://www.neuroland.com/

(7) Facilities and resources mandatory for course completion:

Candidates and their learning are supported in a number of ways:

- □ Candidates logbook
- □ Programme Specification and Handbooks
- □ Lecture hall, extensive library and other learning resources
- □ Computer laboratories with a wide range of software
- □Internet with a wide range of learning support material

Course coordinator: Dr. Ahmed Hamdy

Head of the department: **Prof. Dr. Ahmed Gamal Azab.**

Date: / 5 / 2016