COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate M Sc program of Internal medicine
(2) Department offering the programme:	Internal medicine (Gastroenterology & Hepatology Unit)
(3) Department responsible for teaching the course:	Internal medicine department (Gastroenterology & Hepatology Unit)
(4) Part of the programme:	Elective course , Second part (3rd semester)
(5) Date of approval by the Department`s council	1/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Endoscopy course for internal medicine
(8) Course code:	MED510GE
(9) Total teaching hours:	15 hours

(B) Professional information

(1)   Course Aims:

The broad aims of the course are as follows:

> **Train candidates to practice the basic skills involved in endoscopy including indications, contraindications, technical points, and complications of both upper and lower gastrointestinal endoscopy.**

(2)   Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

> A1. List the definition of endoscopic terms.
> A2. Explain what endoscopy really mean.
> A3. List the steps of endoscopic technique.
> A4. Describe how to prepare patients.
> A5. Outline the levels of risks during endoscopy.
> A6. Outline anesthesia and sedation steps.
> A7. Describe the different types of endoscopes.
> A8. Recall indications and contraindications.
> A9. Recall complications.

B- Intellectual skills:

> B1. Formulate a clinical scenario for an example of endoscopy.
> B2. Appraise an article on endoscopy.
> B3. Interpret the results of a trials regarding endoscopy.
> B4. Differentiate between Gastroscope and Colonoscope.
> B5. Analyze the pictures of an endoscopic examination.
> B6. Critically appraise a meta-analysis paper on endoscopy.
> B7. Evaluate the results of an endoscopic examination.
> B8. Evaluate the practice guidelines for endoscopy.
> B9. Interpret findings at endoscopic examination.

C- Professional/practical skills

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

C1. Perform a safe procedure.
C2. Write an endoscopy report.
C3. Calculate the endoscopic risk through scoring systems.
C4. Calculate the assessment scores.
C5. Acquire mandatory skills.
C6. Acquire reporting skills.
C7. Acquire and consolidate technical skills.

D- Communication & Transferable skills

D1. Respect the role of other members in the endoscopy team.
D2. Identify one's own strengths, weaknesses and learning needs and be prepared to continuous medical education.
D3. Accept the uncertainty in some aspects of endoscopy and be able to search and gain information.
D4. Master information technology in endoscopy.
D5. Be prepared for lifelong learning as endoscopy is continuously developing.
D6. Accept the changes in health sciences regarding endoscopy.

(3) Course content:

The course fulfils "1" credit hour through 3rd semester including the following topics:

Subjects	Lectures	Seminars	Practical	Total teaching hours	Credit Hours
EGD: Relevant anatomy	1			1	1 credit hour
EGD: Indications & contraindications	1		1	1.5	
EGD: Pre-procedural preparation	1		1	1.5	
EGD: Technique	1		2	2	
EGD: Complications	1		1	1.5	
Colonoscopy: Relevant anatomy	1			1	
Colonoscopy: Indications & contraindications	1		1	1.5	
Colonoscopy: Pre-procedural preparation	1		1	1.5	
Colonoscopy: Technique	1		2	2	
Colonoscopy: Complications	1		1	1.5	
				15	

(4)   Teaching methods:

4.1: Lectures with power point presentations and discussions.

4.3: Problem solving case scenarios   .

4.4: Real cases of endoscopy.

4.5. Workshops for searching skills.

(5)   Assessment methods:

Assessment schedule:

I.   Continuous assessment after completion of the course:

An MCQ exam is done each semester at the end of the course (4 marks).

II.   Final exam:

Assessment 1: Written exam (short essay questions and case scenarios) (16 marks).

Assessment 2: an oral exam (20 marks).

Other assessment without marks:

Log book for assessment of the attendance and activities throughout the course.

(6)   References of the course:

Lecture *n*otes

Internet based resources (websites e.g. Pubmed, MDconsult , emedicine , tripdatabase).

(7)   Facilities and resources mandatory for course completion:

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

Presence of data show and computer facilities

Course coordinator: Professor Monir Hussein Bahgat

Head of the department: Professor Salah Elgamal

Date: 1/ 2016