



## COURSE SPECIFICATION

### Preventive cardiology

Faculty of Medicine– Mansoura University

#### (A) Administrative information

(1) Programme offering the course.	<b>MD degree of cardiovascular medicine</b>
(2) Department offering the programme.	Cardiology Department
(3) Department responsible for teaching the course.	Cardiology Department
(4) Part of the programme.	2 <sup>nd</sup> Part
(5) Date of approval by the Department`s council	<b>24-5-2016</b>
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	<b>Preventive cardiology</b>
(8) Course code.	<b>CARD 614 PRC</b>
(9) Total teaching hours.	15 hours
(10) Credit hours	1 hours (15 Lecture & Seminars)

## **(B) Professional information**

### **(1) Course Aims:**

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

**To provide the candidate with updated knowledge of cardiovascular preventive measures.**

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

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

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

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

- A1- Understand vascular biology of atherosclerosis
- A2- Describe Risk markers of atherothrombotic disease
- A3- Recall Lipoprotein disorders and cardiovascular disease
- A4- Explain the role of Nutrition in cardiovascular disease
- A5- Demonstrate the Details of Primary and secondary prevention of coronary heart disease
- A6- Explain the Exercise based comprehensive cardiac rehabilitation

### **(3) Course content:**

<b>Subjects</b>	<b>Lectures</b>	<b>Seminars</b>	<b>Total Teaching Hours</b>
<b>Vascular biology of atherosclerosis</b>	<b>2 Hours</b>		<b>2</b>
<b>Risk markers of atherothrombotic disease</b>	<b>2 Hours</b>		<b>2</b>
<b>Lipoprotein disorders and cardiovascular disease</b>	<b>2 Hours</b>		<b>2</b>
<b>Nutrition and cardiovascular disease</b>	<b>1 Hours</b>	<b>1 Hours</b>	<b>2</b>
<b>Primary prevention of coronary heart disease</b>	<b>1 Hours</b>	<b>2 Hours</b>	<b>3</b>
<b>Secondary prevention of coronary heart disease</b>	<b>1 Hours</b>	<b>1 Hours</b>	<b>2</b>
<b>Exercise based comprehensive cardiac rehabilitation</b>	<b>1 Hours</b>	<b>1 Hours</b>	<b>2</b>
<b>Total Times</b>	<b>10</b>	<b>5</b>	<b>15</b>

**(4) Teaching methods:**

4.1: Lecture                                  4.2: Seminars

**(5) Assessment methods:**

5.1: Written. (for assessment of knowledge skills)

5.2: MCQ. (for assessment of knowledge skills)

**Assessment schedule:**

1-First Exam : MCQ at end of Attendance of the course .

2-Final Exam at end of course:    Written exam

**Percentage of each Assessment to the total mark:**

1- MCQ Exam                          6 marks

2-Written exam marks        24 marks

Total 30 marks

**(6) References of the course:**

6.1: Text books:

• **Braunwald's Heart disease textbook of CVM**

• **Textbooks of Genetics**

6.2: Journals:

• **New England journal of medicine**

• **The Heart                          \*Circulation**

• **Journal of the American Collage of Cardiology**

6.3: Websites:

• **Cardiosource**

• **Medscape cardiology**

• **Escardio.org European society of Cardiology**

• **Tctmed.com**

6.1: Others:

**(7) Facilities and resources mandatory for course completion:**

**Lecture Halls**

Course coordinator: Prof Dr Mahmoud Yousef

Prof Dr Shaheer Kamal

Head of the department: Prof Dr AbdelRazek Maaty

Date: 8/6/2016