



COURSE SPECIFICATION

(Surveillance of hospital infections)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate master degree of hospital infection control
(2) Department offering the programme.	Medical Microbiology and Immunology
(3) Department responsible for teaching the course.	Medical Microbiology and Immunology dep.
(4) Part of the programme.	First part MS
(5) Date of approval by the Department`s council	2/12/2014
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Surveillance of hospital infections
(8) Course code.	ICMI507SHI
(9) Credit hours	2
(10) Total teaching hours.	30 hrs lectures

(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)

- 1-** To provide the candidate with theoretical knowledge of surveillance in infection control and nosocomial infection
- 2-** To educate the candidate how to do investigate and manage outbreaks in nosocomial infection

(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 Discuss how to design of surveillance system.
- A2 Describe how to collect surveillance data.
- A3 Discuss how to compile surveillance data
- A4 Recognize how to interpret surveillance data .
- A 5 manage and investigate outbreaks in nosocomial infection.

B- Intellectual skills

- B1 design a surveillance system .
- B 2 Assess collect, analyze and interpret surveillance data .
- B 3 investigate and manage outbreaks in nosocimial infection.

(3) Course content.

Subjects	Lectures (30 h)
Design of surveillance systems	6 hours
Collection of surveillance data	6 hours
Compiling surveillance data	6 hours
Interpretation of surveillance data	6 hours
Outbreak investigations and management	6 hours

(4) Teaching methods.

4.1. Lectures

4.2. Seminars

4.3 Observation of, assisting and discussion with senior medical staff

(5) Assessment methods.

5.1. Written exam for assessment of ILOs number; A 1-5, B 1-3

MCQ continuous assessment exam for assessment of ILOs number; A 1-5, B 1-3

5.2. Oral exam for assessment of ILOs number; A 1-5, B 1-3.

Assessment schedule.

Percentage of each Assessment to the total mark (total microbiology course assessment).

Written exam....56marks that's is 56% of the total marks

MCQ 14 marks that's is 14% of the total marks

Structured oral exam 30 marks that's is 30% of the total marks

Other types of assessment.....None..... %:.....

Other assessment without marks.

1-Candidate Logbook which should be fulfilled and signed by Head of the department.

1- Attendance Criteria: Minimum acceptance attendance is 75%

(6) References of the course.

6.1. Hand books: Department theoretical books

6.2. Text books....

Manual of infection control procedures. Dr N. N. DAMANI

Principles of Epidemiology in Public Health Practice Third Edition

1. CDC UPDATING POLICIES FOR INFECTION CONTROL

6.3. Journals:

1. INFECTION CONTROL JOURNAL

6.1. Websites. Nature Reviews: <http://www.CDC.com/org/>

1. Facilities and resources mandatory for course completion.

1. Lecture halls.
2. Data shows and computer assistance.
3. Molecular biology laboratory.
4. Thermal cyclers device.
5. UV illuminator.
6. Tray for gel electrophoresis.
7. Chemicals for genetic techniques.

Course coordinator: Dr. Tamer Bedir

Head of the department: Prof. Dr. Mohammad Abo El ela

Date:

P.S. This specification must be done for each course.