Course Specifications
Programme(s) on which the course is given: M.B., B.Ch.
Major or minor element of programmes: Major
Department offering the programme: Public Health and Preventive Medicine
Department offering the course: Community Medicine
Academic year / level: 2009-2010 / 4th year
Date of specification approval:

a- Basic information
Title: Public Health and Community Medicine
Code:
Lecture: 128hs Tutorial: 10 hs Practical: 54 hs Total: 160 hs (hour/week)

b- Professional Information
1- Overall Aims of Course
- Influence the students to adopt a healthy lifestyle and sound behaviors to become role models for the individuals, families, and the communities they will serve in the future.
- Development of an outstanding, honorable practitioner, capable of providing international standard of medical care and following medical ethics.
- Advancement of the knowledge base of medicine by developing and encouraging scientific research.
- Dissemination of knowledge through continuing education of students, graduates, faculty, and colleagues.
- Promotion of outstanding programs of medical care to serve society and to promote environmental development.
- Prepare a community-oriented physician capable of anticipating and responding to community health needs within the primary health care (PHC) setting according to the policies, regulations, and guidelines of the MOHP.
- Develop a graduate who will apply the knowledge and skills learned, and is able to take leadership in motivating the community served.
2- Intended Learning Outcomes of Course (ILOs)
A- Knowledge and Understanding

A3.1- Understanding the etiology, pathogenesis, clinical features, diagnoses and complications of communicable and non-communicable life threatening illnesses affecting the body and each of its major organ systems, presenting throughout the age spectrum.
A3.2- Identify prevalent health problems in a community, using various epidemiological strategies.
A3.3- Recognise trends in health and disease.
A3.4- Enumerate and interpret behavioral and social variables impacting health and disease.

A5.1- Identify the determinants of health, principles of disease prevention and early detection of common community health problems.
A5.2- Insights concerning the principle and organization of National Health Care System.
A5.3- Recognize the epidemiological principles of demography and biological variability.
A5.4- Ability to list the principles of disease surveillance and screening.
A5.5- Understand communicable disease control and health promotion.
A5.6- Know the population-based approaches to health care services and their role in improving medical practice.
B- Intellectual Skills

B.6.1- Design an initial course of management for stabilization of patients with serious illnesses.
B.6.2- Select and use appropriate health education methods and materials.
B.7- Classify factors that place individuals at risk for disease or injury, to determine strategies for appropriate response.
B.8- Evaluate relevant and current data from literature, using information technologies and library resources, in order to help solve a clinical problem based on evidence (EBM).
B.10- Involvement into research and scientific methods through:
B.10.1- Formulation of research questions that is pertinent to medicine.
B.10.2- Precisely collecte, analyze and interpret medical data.

C- Professional and Principles and knowledge attained in basic sciences as related to the area of public health and community medicine

C23.1- Adopt suitable measures for infection control.
C23.2- Recognize and utilize appropriate infection prevention practices/ universal precautions.

D- General and Transferable Skills

D.2- Use information and communication technology effectively in the field of medical practice.
D.3- Retrieve, manage, and manipulate information by all means, including electronic means.
D.4- Present information clearly in written, electronic and oral forms.
D.5- Communicate ideas and arguments effectively.
D.6- Work effectively within a team.
D.7- Analyze and use numerical data including the use of simple statistical methods).
D.8- Evaluate indicators of health and disease.
D.9- Evaluate their work and that of others using constructive feedback.
### Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>No. of hours</th>
<th>Lecture</th>
<th>Tutorial/Practical</th>
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<tr>
<td>Principles of communicable diseases</td>
<td>10</td>
<td>أ/د/ محمد كامل فرج - أ/د/ عبد الهادي الجيلاني - برنانديت برنارد</td>
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<td>Non-communicable disorders</td>
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<td>أ/د/ محمد كامل فرج - أ/د/ محمد الهلالى</td>
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<td>Principles of health care management</td>
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<td>أ/د/ محمد كامل فرج - أ/د/ الفت فرج - د. رجاء شوقى</td>
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<td>Management of specific health care services</td>
<td>18</td>
<td>أ/د/ فاده زكي - أ/د/ إميلى عوض - أ/د/ سعد مطاوع - د. برنانديت برنارد - د. رجاء شوقى</td>
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<td>Communication, health behavior, and health education.</td>
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<td>أ/د/ نادية منتصر - د. رجاء شوقى</td>
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<td>Environmental health</td>
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<td>Research &amp; medical statistics</td>
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<td>أ/د/ ماجدة غنيم</td>
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4- Learning Methods

4.1- Interactive lectures.
4.2- Field visits
4.3- Case studies.
4.4- Workshops.
4.5- Problem Solving.
4.6- Self learning and peer education.

5- Student Assessment Methods

5.1- Written exercises. To assess knowledge skills
5.2- Case studies. To assess intellectual skills
5.3- Students Presentation. To assess Self Learning understanding.
5.4- Objective written examinations. To assess Knowledge
5.5- Structured practical examinations. To assess Application
Assessment schedule and weighting.

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<th>Assessment</th>
<th>Type</th>
<th>Marks</th>
<th>Weighting</th>
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<td>Continuous Dialy Assessment</td>
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<td>2</td>
<td>Final Round MCQ</td>
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6- List of References

Course Notes
- Course Notes on Nutrition
- Course Notes on Environmental Health
- Course Notes on Occupational Health
- Course Notes on Medical Statics.

Essential Books (Text Books)
- Public Health and Community Medicine VOL. 1 & 2

Recommended Books

Periodicals, Web Sites, ..... etc

7- Facilities Required for Teaching and Learning

- Audiovisual facilities
- Whiteboards.