Course Title/Code:	**Health Informatics (MMPH6178)**

Department: School of Public Health

Objectives: On completion of this course, the students should be able to:
1. Describe the evolution of health care informatics in this community and others.
2. Distinguish between data, information and knowledge.
3. Identify the basic concepts of health care informatics, the different generation of systems available for CPR.
4. Compare and evaluate Information Management Applications for administration, clinical practice, education, and research.
5. Understand how Information Management in healthcare delivery is planned, developed and utilize.

Content: Topics include:
- Introduction: Information Management in Health.
- Introduction : Health Informatics – A Potted.
- Workflow Simulation
- Data – Information – Knowledge Standards (1).
- Data Privacy & Protection and Ethics
- Presentation : Introductory Project
  The Final Project : What to do ?
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- ActiveCare Pharmacy Site Visit & ±Miscellaneous Topics (TBC)
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- Presentation : Final Project

Learning Outcomes: The course consists of nine lectures. On completion of the course, the students are expected to be able to:
1. Describe the history of health care informatics, basic informatics concepts, and health information management applications;
2. Demonstrate understanding of the concepts of healthcare delivery and methods of health care informatics utilize today (objectives 1, 2, 3);
1. Identify incentives and barriers to computerization;
2. Compare and contrast physician and patient attitudes to computerisation;
3. Describe specific information management applications in health care administration, practice, education and research (objective 4);
3. Demonstrate knowledge by designing health information management in a real-world environment (objective 5).

Prerequisite: MMPH 6115 Principles of healthcare management

Duration: 3 hours/week; 30 contact hours

Coursework assessment/
Examination ratio: 100% in course work