

## Course Syllabus

- 1. Program of Study** Bachelor of Science (Biological Sciences)  
**Faculty/Institute/College** Mahidol University International College
- 2. Course Code** ICBI 405  
**Course Title** Community Health
- 3. Number of Credits** 4 (3-2-7) (Lecture/Lab/self-study)
- 4. Prerequisite (s)** none
- 5. Type of Course** Elective
- 6. Trimester/ Academic Year**  
 3<sup>rd</sup> trimester/ every academic year
- 7. Course Condition**  
 Number of students is 20-30.

### 8. Course Description

Survey of community health status, primary health care concept, health system analysis and health manpower development; practical sessions at local hospitals and field trips included.

### 9. Course Objective (s)

At the end of this course, students will be able to:

1. Explain the concept of community health, primary health care and health system.
2. Analyze and identify factors affecting community health status.
3. Describe the elements of primary health care.
4. Describe methods of development of health manpower.
5. Develop instruments for collecting health data.
6. Visualize the health problems in communities.

### 10. Course Outline

week	Topics/Seminar	Hours			Instructor
		Lecture	Lab	Self-study	
1	Introduction: Health and Community Lab: Community visit and health survey	3	2	7	Somjit Supannatas
2	Structure of Thai community Lab: Community visit and health survey	3	2	7	Somjit Supannatas
3	Health status situation Lab: Collecting health status data in community	3	2	7	Somjit Supannatas
4	Health system analysis Lab: Hospital visit and health	3	2	7	Somjit Supannatas

	survey.				
5	Health service in community Lab: Collecting health status data in hospital	3	2	7	Somjit Supannatas
6	Community Participation	3	2	7	Somjit Supannatas
7	Primary health care	3	2	7	Somjit Supannatas
8	Health manpower development	3	2	7	Somjit Supannatas
9	Health care reform and health promotion	3	2	7	Somjit Supannatas
10	Collection of community health status data	3	2	7	Somjit Supannatas
11	Collection of health status data in local hospital	3	2	7	Somjit Supannatas
<b>FINAL EXAM</b>					
	Total	33	15	77	

### 11. Teaching Method (s)

Lecture, field visit, group work, class participation and discussion

### 12. Teaching Media

1. Powerpoint Presentations
2. Texts and teaching materials

### 13. Measurement and Evaluation of Student Achievement

Student achievement is measured and evaluated by

- 13.1 The ability to explain the concept of community health, primary health care and health system.
- 13.2 The ability to analyze and identify factors affecting community health status.
- 13.3 The ability to describe the elements of primary health care.
- 13.4 The ability to describe methods of development of health manpower.
- 13.5 The ability to develop instruments for collecting health data.
- 13.6 The ability to visualize the health problems in communities.

Student's achievement will be graded according to the college and university standard using the symbols: A, B+, B, C+, C, D+, D and F. Minimal passing level is 60%. Student who earns 85% up will have Grade A, 80-84% Grade B+, 75-79% Grade B, 70-74% Grade C+, 65-69% Grade C, 60-64% Grade D+, 55-59% D, less than 55 Grade F. Students must attend at least 80% of the total class hours of this course.

Ration of mark

- |                                 |      |
|---------------------------------|------|
| 1. Group work                   | 40%  |
| 2. Final examination            | 45%  |
| 3. Participation and discussion | 15%  |
| Total                           | 100% |

### 14. Course evaluation

- 14.1 Students' achievement as indicated in number 13 above.
- 14.2 Students' satisfaction towards teaching and learning of the course using questionnaires.

**15. Reference (s)**

1. Chanawogne, K. Understanding primary health care management from theory to practical reality: an introductory text for PHC students. Thailand. Buraphasilp Press. 1990.
2. El Bindari-Hammad, A. Primary health care review: guidelines and methods. Switzerland. WHO. 1992.
3. Fry, J. and Yuen, N. (Editors) Principles and practice of primary health care and family medicine: Asia-Pacific perspectives. USA. Oxford: Radcliffe Medical Press. 1994.
4. Green, L.W., and Uttoson, J.W. Community health, St. Louis: UK. Mosby. 1994.
5. Kahssay, H.M. Taulor, M.E and Berman, P.A. Community health workers: The way forward. Switzerland. WHO. 1998.
6. Kreuter M.W. *et. al.* (1998) Community health promotion ideas that work. UK. Jones Bartlett Publisher. 1998.
7. Miller, D.F. Dimensions of community health. USA. Wm. C. Brown Publishers. 1992.
8. Smolesky, J. Principle of community health. USA. Saunders College. 1982.
9. Thailand, Ministry of Public Health. The development and implementation of models for remedy of the emerging problems through primary health care. Thailand. Office of the Primary Health Care. 1991.
10. World Health Organization. Health for all in the twenty-first century. Switzerland. WHO. 1998.
11. World Health Organization. Community involvement in health development: a review of concept and practice. Switzerland. WHO. 1999.

**16. Instructor (s)**

Professor Somjit Supannatas

**17. Course Coordinator**

Professor Somjit Supannatas