

## COURSE SPECIFICATION

Name of Institution                      Mahidol University  
 Campus/Faculty/Program              ASEAN Institute for Health Development

### Section 1 General Information

1. **Code and Course Title:** ADPM 660 Primary health care and health services management
2. **Total Credits:**                      3 (3-0-6) credits (Lecture - Practice - Self Study)

#### 3. Curriculum and Course Category

Master of Primary Health Care (International Program) (Required Course)

#### 4. Course Coordinator/Course Instructors

##### 4.1 Course Coordinator

Assoc.Prof. Dr. Orapin Laosee  
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 Tel. 02 441 9040 ext 63

##### 4.2 Course Instructors

1. Assoc. Prof. Dr. Orapin Laosee
2. Assoc. Prof. Dr. Nawarat Suwanpapong
3. Assoc. Prof. Dr. Thunwadee Suksaroj
4. Assoc. Prof. Dr. Kitti Sranacharoenpong
5. Assoc. Prof. Dr. Mathuros Tipayamongkhogul
6. Assoc. Prof. Dr. Aroonsri Mongkolcharti
7. Assoc. Prof. Dr. Piyapong Janmaimool
8. Asst. Prof. Dr. Netchanok Sritoomma
9. Lect. Dr. Phusit Prakongsai

5. **Semester / Academic Year of Study:** 1/2023

6. **Pre-requisite:** None

7. **Co-requisite:** none

8. **Venue:** ASEAN Institute for Health Development, Mahidol University

9. **Latest Date of Course Specification Development or Modification:** 1 September 2023

### Section 2 Aims and Objectives

#### 1. Course Aims

Upon successful completion of this course, the learners will be able to:

1. Describe the concept of primary health care management, integrated health system and health system management
2. Identify the PHC problem, analysis the causation and design management strategies for improving health system and health services
3. Describe how to use the information and technology for planning to tackle the problem of primary health care management
4. Apply the PHC concept to design a project to improve the PHC in different situations

## 2. Objectives of Course Development/Modification

This course is designed to build primary health care management skill for the learners. Learners could be able to differentiate the concept of primary health care management, integrated health system and health system management and they can infer to primary health care system in their countries. This course primarily aims to equip learners with the basic method to identify PHC problem, analysis the causation and design management strategies for improving health system and health services through the information. At the end of the course, the learners could be able to develop a project based on PHC concept which could be implemented to improve the PHC in different situations.

## Section 3 Course Description and Implementation

### 1. Course Description

Philosophy of health, primary health care (PHC), Evolution of PHC; Alma-Ata Declaration; Astana Declaration of PHC, universal health coverage (UHC); Sustainable Development Goals (SDGs), health services; Structure, process and context of PHC; Challenges and barriers to the Implementation of PHC; Strategies, innovations in and development of PHC; Integrated people-centred health services; district health system based on PHC; Intersectoral collaboration, community participation

ปรัชญาของสุขภาพ การสาธารณสุขมูลฐาน วิวัฒนาการของการสาธารณสุขมูลฐาน การประกาศ Alma-Ata คำประกาศ Astana Declaration หลักประกันสุขภาพถ้วนหน้า เป้าหมายการพัฒนาที่ยั่งยืน การบริการด้านสุขภาพ โครงสร้าง กระบวนการบริบทของการสาธารณสุขมูลฐาน ความท้าทายและอุปสรรคในการดำเนินการของการสาธารณสุขมูลฐาน ยุทธศาสตร์นวัตกรรมและการพัฒนา การสาธารณสุขมูลฐาน บูรณาการบริการสุขภาพที่เน้นประชาชนเป็นศูนย์กลางระบบสุขภาพอำเภอตามหลักการของการสาธารณสุขมูลฐาน การทำงานร่วมกันระหว่างภาคส่วน การมีส่วนร่วมของชุมชน

## 2. Number of Hours per Semester

Lecture	45	Hours
Tutorial	0	Hour
Practice / Field Experience /Practicum	0	Hour
Self-Study	90	Hours

## 3. Number of hours provided for academic advice and guidance to an individual student

Every Friday 14.00-16.00 at Building 1, 2<sup>nd</sup> floor ASEAN Institute for Health Development; Office hours (at least 2 hours/week)

## Section 4 Development of the expected learning outcomes

1. A brief summary of the knowledge or skills expected to develop in students; the course-level expected learning outcomes (CLOs)

On completion of the course, students will be able to:

CLO1 Describe the concept of primary health care management, integrated health system and health system management

CLO2 Identify the PHC problem, analysis the causation and design management strategies for improving health system and health services

CLO3 Describe how to use the information and technology for planning to tackle the problem of primary health care management

CLO4 Apply the PHC concept to design a project to improve the PHC in different situations

2. How to organize learning experiences to develop the knowledge or skills stated in number 1 and how to measure the learning outcomes

CLOs	Teaching and learning experience management			Learning outcomes measurements			
	Lecture	Individual Work	Group Work	Test	Assignment quality	Individual Reports	Group Reports
CLO1	x						
CLO2	x						
CLO3	x						
CLO4	x						

## Section 5 Teaching Plan and Evaluation Plan

### 1. Teaching Plan

Week No.	Topic	Hrs.			Teaching and Learning Activities	Instructor(s)
		Lecture	Practice	Self-study		
1	Course Introduction& course assignments: Introduction to Primary Health Care and Health Service Management	3	0	6	Lecture, Discussion	Assoc. Prof. Dr. Orapin Laosee
2	Primary Health Care in Sustainable Development Goals (SDGs)	3	0	6	Lecture, exercise	Assoc.Prof. Dr.Thunwadee Suksaroj
3	Health system reform & universal coverage; international and Thai experiences	3	0	6	Lecture, exercise	Asst. Prof. Dr.Samrit Srithamrongsawat
4	Implementation of PHC; strategies, innovation in development of PHC; integrated people center	3	0	6	Lecture, assignment	Asst. Prof. Dr.Samrit Srithamrongsawat
5	Public policies in PHC	3	0	6	Lecture, Discussion	Assoc.Prof. Dr.Piyapong Janmaimool
6	Innovative leadership concepts for effective management	3	0	6	Lecture, case study, assignment	Asst. Prof.Dr.Netchanok Sritoomma
7	Human resources development and management for UHC	3	0	6	Lecture, exercise	Assoc.Prof. Dr. Mathuros Tipayamongkholgul
8	Financial management for PHC and financing technique for health provider	3	0	6	Lecture, exercise	Lect.Dr. Phusit Prakongsai
9	Incentive systems for improving the quality of health services and provider	3	0	6	Lecture, exercise	Lect.Dr. Phusit Prakongsai
10	Intersectoral Collaboration and Community Participation	3	0	6	Lecture, assignment	Assoc. Prof. Dr. Orapin Laosee

Week No.	Topic	Hrs.			Teaching and Learning Activities	Instructor(s)
		Lecture	Practice	Self-study		
11	Health care accreditation and quality improvement	3	0	6	Lecture , exercise	Dr.Anuwat
12	Management of district health system and Health System Management Learning	3	0	6	Lecture, discussion	Assoc. Prof. Dr. Orapin Laosee
13	Negotiation and conflict management	3	0	6	Lecture, exercise	Assoc.Prof.Dr. Nawarat Suwanapong
14	Project Management: planning, monitoring and evaluation	3	0	6	Lecture, exercise	Assoc.Prof. Dr.Thunwadee Suksaroj
15	Health system presentation and project presentation	3	0	6	Lecture, exercise	All instructors
	Final Examination	45	0	90		

## 2. Evaluation Plan

No.	Learning Outcomes	Evaluation Method	Week of Evaluation	Evaluation Allotment
1.	CLO1 Describe the concept of primary health care management, integrated health system and health system management	Quiz	Week 5	5%
		In class exercise	Week 2 3	10%
2.	CLO2 Identify the PHC problem, analysis the causation and design management strategies for improving health system and health services	Presentation	Week 10	10%
		In class exercise	Week 5-9	10%
3.	CLO3 Describe how to use the information and technology for planning to tackle the problem of primary health care management	Assignments	Week 4,6,7,8	10%
		Individual Reports	Week 9,15	10%
		Group Report	Week 13	10%
4.	CLO4 Apply the PHC concept to design a project to improve the PHC in different	Quiz	Week 14	5%
		Exercise	Week 12	5%

No.	Learning Outcomes	Evaluation Method	Week of Evaluation	Evaluation Allotment
	situations	Group discussion	Week 12-14	5%
		Examination	Week 15	20%

### 1. Measurement and evaluation of student achievement

- A = 85-100 %
- B+ = 75– 84 %
- B = 65 – 74 %
- C+ = 55 – 64 %
- C = 45 – 54 %
- F = 0- 44 %

## Section 6 Teaching Materials and Resources

### 1. Main Textbook and Course Materials

1. Greenhalgh T. Primary Health Care: Theory and Practice: Blackwell Publishing; 2007.
2. World Health Organization. Primary Health Care; Now More Than Ever: WHO Library Cataloguing 2008.
3. Frenk J. Reinventing primary health care: the need for systems integration. The Lancet. 2009;374(9684):170-3.
4. World Health Organization Regional Office for South-East Asia. Primary Health Care The basis for health systems strengthening: World Health Organization 2010; 2010.
5. Dwyer J, Stanton P, Thiessen V. Project Management in Health and Community service: Getting good ideas to work. New York: Taylor & Francie Group; 2004.
6. Bhattacharyya K, Murray J. Community assessment and planning for maternal and child health programs: A participatory approach in Ethiopia. Human Organization. 2000;59(2):255-66.
7. Petersen DJ, Alexander GR. Needs Assessment in Public Health: A Practical Guide for Students and Professionals. Alabama: Kluwer Academic/Plenum 2001.

8. Plescia M, Koontz S, Laurent S. Community assessment in a vertically integrated health care system. *American Journal of Public Health*. 2001;91(5):811-4.
9. Dobbins M, Decorby K, Robeson P, Husson H, Tirilis D, Greco L. A knowledge management tool for public health: Health-evidence.ca. *BMC Public Health*. 2010;10.
10. Binagwaho A, Nutt CT, Uwaliraye P, Wagner CM, Nyemazi JP. Taking health systems research to the district level: A new approach to accelerate progress in global health. *BMC Health Services Research*. 2013;13(SUPPL.2).
11. Kraushaar D, Kieny MP, Lazarus JV, Bermejo 3rd R, Abimbola S, Prashanth N, et al. Health Systems Global, the new international society for health systems research. *Health policy and planning*. 2012;27(7):535-40.
12. WHO and UNICEF, 2018 A vision for primary health care in the 21st century: towards universal health coverage and the Sustainable Development Goals. Geneva: World Health Organization and the United Nations Children's Fund (UNICEF).
13. WHO and UNICEF, 2020 Operational framework for primary health care: transforming vision into action. World Health Organization.
14. WHO and UNICEF, 2022 Primary health care measurement framework and indicators: monitoring health systems through a primary health care lens. Geneva: World Health Organization and the United Nations Children's Fund (UNICEF).

## 2. Important Documents and Information

1. NHS Institute for Innovation and Improvement and Academy of Medical Royal Colleges. *NHS Leadership Framework: University of Warwick Campus, Coventry* 2010.
2. Arroliga AC, Huber C, Myers JD, Dieckert JP, Wesson D. Leadership in health care for the 21st century: Challenges and opportunities. *American Journal of Medicine*. 2014;127(3):246-9.

3. Sheline B, Tran AN, Jackson J, Peyser B, Rogers S, Engle D. The primary care leadership track at the duke university school of medicine: Creating change agents to improve population health. *Academic Medicine*. 2014.
4. Anand S, Bärnighausen T. Health workers at the core of the health system: Framework and research issues. *Health Policy*. 2012;105(2-3):185-91.
5. Blanchet K, James P. How to do (or not to do)...a social network analysis in health systems research. *Health Policy and Planning*. 2012;27(5):438-46.
6. Wager KA, Lee FW, P.Glaser J. *Health Care Information Systems: A Practical Approach for Health Care Management*: Jossey-Bass; 2009.
7. Abdelhak M, Grostick S, Hanken MA. *Health Information: Management of a Strategic Resource*: Elsevier; 2012.

### 3. Suggested Learning Resources

WHO: <http://www.who.int/en>

Management for health service delivery: <http://www.who.int/management/en>

## Section 7 Course Evaluation and Improvement

1. Evaluation Strategies for Course Effectiveness by Students
  - Strategies for effective course evaluation by students
  - 1.1 Evaluation of students by peer students to be done by the Faculty of Graduate Studies (Education Services Section)
  - 1.2 Student evaluation to be done by Course Directors at the end of the course
    - Course content
    - Course management
    - Suggestions
    - Overall opinion
2. Teaching Evaluation Strategies
  - Observation of student behaviors, attitudes, and academic contents during activities of class participation



- Students self-assessments and analysis
- Peer assessments and feedback
- Question and answer
- Volunteering in class organization and designing in summarization of class activities

### 3. Teaching Improvement

Presentation of course development, techniques used in teaching, and improvement with the participation of program management committee members of AIHD at program management committee meetings.

### 4. Verification of Students Achievements in the Course

- Analysis of students' learning outcomes using scores from class attendance, individual report activity and presentation
- Observing changes in perception and attitude of individual students and development i.e. personality, presentation, participation in working group, participatory action

### 5. Course Revision and Improvement Plan

- Meeting with all lecturers teaching the course to discuss and review the course before the semester starts and before each period of teaching
- Teaching materials sharing among lecturers for mutual learning, understanding, and development
- Meeting with all lecturers teaching the course to discuss and review after the course closed to consider requests, feedback, and suggestions of students and make minor improvements to the course syllabus and materials before the next academic year.

## Appendix

### Relations between the Course and the Program

#### Program Learning Outcomes

PLO1 Exhibit responsibility, discipline, and honesty according to organizational rules, academic and professional ethics, and morality.

PLO2 Explain the interconnection of multidisciplinary knowledge associated with primary health care management.

PLO3 Design research in primary health care management based on systematic process.

PLO4 Defend in significant ways with questions or points of view or controversies about the area of the primary health care system.

PLO5 Interact professionally when working as a team as both leader and member for solving and managing work assigned.

PLO6 Perform statistical data analysis as they support evaluating, planning, and managing the primary health care system.

PLO7 Communicate clearly and effectively to an array of audiences for a range of purposes.

PLO8 Use information technology effectively to support the study, research, and their efforts to accomplish a specific purpose.

Course	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
<b>Required course</b>								
ADPM 660 Primary Health Care and Health Service Management 3 (3-0-6)	I	R	I	R	I	I	R	I

I = ELO is introduced & assessed P = ELO is practiced & assessed

R =ELO is reinforced & assessed M = Level of Mastery is assessed

### Curriculum Mapping

● Primary responsibility

○ Secondary responsibility

Course Learning Outcomes (CLOs)	Program learning domains												
	1. Morality and ethics			2. Knowledg e		3. Intellectual skills			4. Interpersona l Skills and Responsibilit y		5. Numeral Analysis Skills, Communication and Use of Information Technology		
	1.1	1.2	1.3	2.1	2.2	3.1	3.2	3.3	4.1	4.2	5.1	5.2	5.3
CLO1 Describe the concept of primary health care management, integrated health system and health system management		○				●		●					
CLO2 Identify the PHC problem, analysis the causation and design management strategies for improving health system and health services				●	●	○					○		○
CLO3 Describe how to use the information and technology for planning to tackle the problem of primary health care management				●	○					○		●	●

Course Learning Outcomes (CLOs)	Program learning domains												
	1. Morality and ethics			2. Knowledge		3. Intellectual skills			4. Interpersonal Skills and Responsibility		5. Numerical Analysis Skills, Communication and Use of Information Technology		
	1.1	1.2	1.3	2.1	2.2	3.1	3.2	3.3	4.1	4.2	5.1	5.2	5.3
CLO4 Apply the PHC concept to design a project to improve the PHC in different situations			O	O	●				●	O	●		

**Expected Outcome (TOF.2)**

**1. Morality and Ethics**

- 1.1 Exhibits discipline, honesty, and punctuality
- 1.2 Behave according to morals and ethics of academic and professional practice
- 1.3 Avoid academic plagiarism

**2. Knowledge**

- 2.1 Explain the theoretical and practical knowledge associated with primary health care management
- 2.2 Explain the interconnection of various fields of knowledge in primary health care management

**3. Intellectual skills**

3.1 Perform the manners of continuously seeking knowledge

3.2 Design the research to solve the problem identified in the primary health care management system

3.3 Defend in significant ways with questions or points of view or controversies in related fields.

#### **4. Interpersonal Skill and Responsibility**

4.1 Perform interpersonal communication skills to establish and enhance personal and work-based relationships.

4.2 Perform the role of a leader and working team member appropriately

#### **5. Numeral Analysis Skills, Communication, and Use of Information Technology**

5.1 Demonstrate the statistical analysis and its interpretation

5.2 Communicate clearly and effectively to an array of audiences for a range of purposes.

5.3 Use information technology effectively to support the study, research, and efforts to accomplish a specific purpose

### Relations between CLOs and PLOs

Course Objectives (PLOs)	PLOs							
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
CLO1 Describe the concept of primary health care management, integrated health system and health system management	x							
CLO2 Identify the PHC problem, analysis the causation and design management strategies for improving health system and health services		x			x			
CLO3 Describe how to use the information and technology for planning to tackle the problem of primary health care management							x	x
CLO4 Apply the PHC concept to design a project to improve the PHC in different situations		x		x		x		

#### Program Learning Outcomes

PLO1 Exhibit responsibility, discipline, and honesty according to organizational rules, academic and professional ethics, and morality.

PLO2 Explain the interconnection of multidisciplinary knowledge associated with primary health care management.

PLO3 Design research in primary health care management based on systematic process.

PLO4 Defend in significant ways with questions or points of view or controversies about the area of the primary health care system.

PLO5 Interact professionally when working as a team as both leader and member for solving and managing work assigned.

PLO6 Perform statistical data analysis as they support evaluating, planning, and managing the primary health care system.

PLO7 Communicate clearly and effectively to an array of audiences for a range of purposes.

PLO8 Use information technology effectively to support the study, research, and their efforts to accomplish a specific purpose.