

# **1<sup>st</sup> International Postgraduate Course**

**in**

## **Occupational Health and Safety**

October 20-24, and October 27-28, 2008  
( weekdays )

College of Public Health Auditorium

**Department of Environmental and Occupational Health  
College of Public Health  
University of the Philippines Manila  
625 P. Gil St., Ermita , Manila  
Fax No. 523-7745**

# **COURSE SYLLABUS**

## **RATIONALE**

Rapid industrialization in developed and developing countries alike, exposes the working population to various hazards in the workplace, thereby increasing the risk of occupational and work-related diseases and/or injuries.

The College of Public Health, University of the Philippines Manila which is the SEAMEO-TROPMED Center for Public Health, Hospital Administration, and Environmental and Occupational Health, is cognizant of the importance of human resource development in the prevention and control of occupational health and safety problems in the Philippines, and in the ASEAN and Asia-Pacific Regions.

This course is offered by the Department of Environmental and Occupational Health, College of Public Health, in response to the felt need to provide physicians, nurses, safety engineers and other relevant professionals, the necessary competencies to effectively carry out occupational health and safety programs for workers in all places of employment.

## **COURSE DESCRIPTION**

This course provides the basic concepts, principles and current trends (local and international) in occupational health and safety, with emphasis on the unique problems met by the worker in the performance of his trade. It also provides the participant the opportunity to manage specific preventive, control and maintenance programs necessary for the health and safety of the working population.

## **COURSE OBJECTIVES**

**At the end of the course, the participant should be able to:**

- 1. describe and compare the health and safety situation of the working population among countries in the ASEAN and the Asia Pacific Region**
- 2. describe the scope and impact of occupational health and safety on the worker, the industry, the family, and the society as a whole;**
- 3. define his role in relation to the other members of the occupational health team, and to management, labor and other related community agencies and resources;**
- 4. describe the workplace health and safety hazards and their evaluation and control;**
- 5. discuss the clinical aspects of occupational diseases including their psychosocial implications; and**
- 6. demonstrate basic skill in the planning of occupational health and safety programs/projects**

## TENTATIVE COURSE SCHEDULE

**DAY 1: October 20,2008 (Mon.)**

**Officers-of-the-Day: PSM & RGJ**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/Facilitators</u>
<b>Morning:</b>		
8:00 - 9:00	REGISTRATION	
9:00 -1000	Opening Ceremonies	
	-Welcome Remarks	Dr. Ramon L. Arcadio Chancellor , UP Manila Dr. Nina G. Gloriani Dean, UP-CPH
	Message	Secretary of Labor or Representative  Secretary of Health or Representative  Sec-Gen., SEAMEO- TropMed NetWork  WHO Representative  ILO Representative
9:45-10:00	Introduction of Participants Presentation of Tokens for Guests, Photo Session	
10:00-10:15	BREAK	
10:15–12:00	Workshop on Expected Knowledge, Attitudes & Skills & Introduction to the Course	Prof B. Ramos Dr. P.Macaraeg Dr. R. Josef
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00-3:00	Small Group Discussion: “ Health & Safety Situation of the Working Population ( Local & International)	Dr. Ma.Sandra Tempongko
3:00-3:15	BREAK	
3:15- 4:15	An Overview of the Occupational Health & Safety Situation in the Asia- Pacific Region ( WPRO, SEARO)	WHO representative

## COURSE SCHEDULE

**DAY 2: October 21, 2008( Tues.)**

**Officer-of-the-Day: PSM**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/ Facilitator</u>
<b>Morning:</b>		
8:00-10:00	International Standards and Laws on Occupational Health and Safety  - ILO Perspective - WHO Perspective	ILO Representative WHO Representative
10:00-10:15	BREAK	
10:15-12:00	Panel Discussion on Philippine Standards and Laws on Occupational Health and Safety -OSHC - SOPI - PMAP -BWC - PCOM - ECOP -DOH	Dr. P. Macaraeg
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00 – 2:00	Fundamentals of Safety and Health Management	Engr.E. Villanueva
2:00-3:00	Hazard identification, evaluation and control	Dr. B. Villanueva
3:00-3:15	BREAK	
3:15-4:00	Safety Problems in the Workplace	SOPI rep
4:00-5:00	Ergonomic Hazards in the Workplace	Prof Matias(UP,Dil )

## COURSE SCHEDULE

**DAY 3: October 22, 2008( Wed.)**

**Officer-of-the-Day: RGJ**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/Facilitators</u>
<b>Morning:</b>		
8:00-9:00	Investigation of Occupational Diseases	Dr. Maridel Borja
9:00-10:00	Accident Investigation	SOPI rep
10:00-10:15	BREAK	
10:15-12:00	Case Studies in Occupational Health and Safety: Occupational lung disease and Occupational Infections (HIV, Hepatitis)	Dr. D. Diaz
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00-3:00	Case Studies Occupational Health and Safety: Occupational Skin Disease and Cancer	Dr.B. Vitasa
3:00-3:15	BREAK	
3:15-5:00	DEOH Laboratory Tour	
	<ul style="list-style-type: none"><li>- IH Laboratory</li><li>- EH Laboratory</li><li>- AAS</li><li>- OH Clinic</li></ul>	Prof. L. Somera Prof Quizon Ms. R. Tambiloc Dr. P. Macaraeg Dr. R. Josef

## COURSE SCHEDULE

**DAY 4: October 23, 2008( Thur.)**

**Officer-of-the-Day: PSM**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/Facilitators</u>
<b>Morning</b>		
8:00-9:00	Toxicology and Management of Pesticide Poisoning	Dr. Erle Castillo
9:00-10:00	Psychosocial Care and Mental Health in the Workplace	Dr. Dulce Gust
10:00-10:15	BREAK	
10:15-11:00	Gender Issues/Problems in the Workplace	Dr. A. Cordero
11:00-12:00	Nutritional Problems in the Workplace	Dr. E. Flores
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00-2:00	Health Promotion in the Workplace	Dr. R. Josef
2:00-3:00	Rehabilitation of Occupational &/or Work-related Diseases/Injuries	Ms. S. Ocheda
3:00-3:15	BREAK	
3:15-4:00	Moderated Talk on Employees' Compensation on Social and Health Insurance in the Philippines	Dr. P. Macaraeg
	- ECC - SSS - GSIS - PhilHealth	
4:00-5:00	Problem-Oriented Program/Project Planning Group Assignment	Dr. E. Tobias

## COURSE SCHEDULE

**DAY 5: October 24, 2008( Fri.)**

**Officer-of-the-Day: RGJ**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/Facilitators</u>
<b>Morning:</b>		
	Case Study: Situational Analysis of an Industrial Establishment	Dr. P.S. Macaraeg
8:00-9:00	Group Work on Assigned Situationer	
9:00-9:30	Submission of Group Reports	
9:30-10:00	Presentation of Summary Output & Consensus Building on Core Problem	
10:00-10:15	BREAK	
10:15-12:00	Group Work : Formulation of a Problem-Oriented Program/Project Plan	Dr. E.Tobias/ Dr. Macaraeg
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00-2:00	Group Work ( Continued)	
1:00-3:00	Presentation of Group Outputs	
3:00-3:15	BREAK	
3:15-4:00	Presentation of Group Outputs ( Continued)	
4:00-5:00	Plant Visit Orientation	Dr. P.S. Macaraeg

## COURSE SCHEDULE

**DAY 6: October 27, 2008( Mon.)**

**Officer-of-the-Day: PSM**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/Facilitators</u>
<b>Morning</b>		
8:00-12:00	Plant Visit	Dr. P. Macaraeg/ Dr. R. Josef/ Prof. G. Manalang/ Prof. Quizon Prof. V. Molina
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00-3:00	Group Work :Situational Analysis & Identification of the Core Problem in the Plant Visited	
3:00-3:15	BREAK	
3:15-5:00	Group Work : Problem-Oriented Program/Project Planning	

## COURSE SCHEDULE

DAY 7: October 28, 2008( Tues.)

**Officer-of-the-Day: RGJ**

<u>Time</u>	<u>Topic</u>	<u>Lecturer/Facilitators</u>
<b>Morning</b>		
8:00-10:00	Presentation of Group Outputs	Dr. P. Macaraeg / Dr. Josef/ Prof Quizon Prof. Molina/ Prof. Manalang
10:00-10:15	BREAK	
10:15-12:00	Presentation of Group Outputs (Continued)	
<b>Afternoon</b>		
12:00-1:00	LUNCHBREAK	
1:00-2:00	Course Evaluation	
2:00-4:00	Closing Ceremonies Awarding of Certificates and Presentation of UP Centennial Tokens for Foreign Participants & Guests Photo Session	
4:00-5:00	Merienda Cena	