

## COURSE OVERVIEW

### Courses

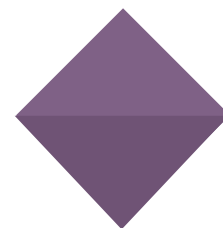
Ref No.	Course Title	Duration
MHP1111	Elementary Occupational and Environmental Health	03/2021 – 05/2021
MHP1012	Occupational and Environmental Diseases	02/2021, 06/2021 – 07/2021
MHP0102	Occupational & Environmental Hygiene Surveillance and Health Monitoring	06/2021 – 07/2021
MHP1003 <sup>1</sup>	Occupational Medical Examinations and Surveillance	07/2021 – 10/2021
MHP0013	Risk Assessment and Management in Occupational & Environmental Health Practice	Not offered in 2021-22
MHP0103	Occupational & Environmental Hygiene Evaluation and Instrumentation	08/2021 – 10/2021
MHP1114	Emerging Topics on Occupational and Environmental Health	10/2021 – 12/2021
MHP1005 <sup>2</sup>	Practical Work in Clinical Occupational and Environmental Medicine	01/2022 – 03/2022
MHP0015	Practical Work in Occupational and Environmental Health	Not offered in 2021-22
MHP0105 <sup>3</sup>	Practical Work in Occupational and Environmental Hygiene	01/2022 – 03/2022

- ◆ Certificate of Completion will be issued to students upon successful fulfillment of the assessments (i.e. gets 'satisfactory pass') and attendance (i.e. at least 75%) requirements.
- ◆ Certificate of Attendance will be issued to students upon successful fulfillment of the attendance (i.e. at least 75%) requirements but unsuccessful fulfillment of the assessments (i.e. fails the assessments or does not take the assessments).

<sup>1</sup> The applicants of **Occupational Medical Examinations and Surveillance** should hold a Bachelor degree in Medicine awarded by a local university, or an overseas university of acceptable standing.

<sup>2</sup> The applicants of **Practical Work in Clinical Occupational and Environmental Medicine** should hold a Bachelor degree in Medicine awarded by a local university, or an overseas university of acceptable standing; and should have completed Occupational Medical Examinations and Surveillance (ref no. MHP1003) or be able to demonstrate the knowledge with equivalent training.

<sup>3</sup> The applicants of **Practical Work in Occupational and Environmental Hygiene** should have completed Occupational & Environmental Hygiene Evaluation and Instrumentation (ref no. MHP0103) or be able to demonstrate the knowledge with equivalent training.



## COURSES OFFERED

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### *(Ref No. MHP1111) Elementary Occupational and Environmental Health*

#### Description

It is a basic and introductory course for students intending to study in any discipline of occupational and environmental health sciences. General basic principles in the practice of occupational and environmental health and hygiene will be introduced. Other topics include toxicology, hazards, ergonomics and safety in the workplace.

#### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ apply basic knowledge of different hazards, such as physical, chemical and biological hazards, in workplace;
- ♦ identify, assess, evaluate, manage and control occupational and environmental hazards in workplace;
- ♦ work out and evaluate the effectiveness of hazard prevention measures.

#### Tentative Schedule

Session	Date	Day	Time	Venue
1	20/03/2021	SAT	14:00-17:00	Online Teaching
2	10/04/2021	SAT	14:00-17:00	
3	13/04/2021	TUE	18:30-21:30	
4	17/04/2021	SAT	09:30-12:30	
5	20/04/2021	TUE	18:30-21:30	
6	24/04/2021	SAT	09:30-12:30	
7	27/04/2021	TUE	18:30-21:30	
8	04/05/2021	TUE	18:30-21:30	
9	08/05/2021	SAT	09:30-12:30	
10	11/05/2021	TUE	18:30-21:30	
11	15/05/2021	SAT	09:30-12:30	
12	18/05/2021	TUE	18:30-21:30	
13	22/05/2021	SAT	09:30-12:30	
14	29/05/2021	SAT	09:30-12:30	

## *(Ref No. MHP1012) Occupational and Environmental Diseases*

### Description

It is a follow-up of the course *(Ref No. MHP1111) Elementary Occupational and Environmental Health* for clinical professionals (e.g. medical doctors and nurses) who need to acquire in-depth knowledge in the areas of occupational and environmental diseases, such as diseases of lung, skin, urinary system, liver, musculoskeletal system, reproductive system, injuries, etc.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ apply basic knowledge of different occupational diseases and injuries in their work;
- ♦ conduct diagnoses on occupational injuries and diseases;
- ♦ suggest treatment plans for different clinical cases.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	08/06/2021	TUE	18:30-21:30	TBC (near to MTR stations)
2	12/06/2021	SAT	09:30-12:30	
3	27/02/2021	SAT	14:00-17:00	
4	19/06/2021	SAT	09:30-12:30	
5	26/06/2021	SAT	09:30-12:30	
6	26/06/2021	SAT	14:00-17:00	
7	29/06/2021	TUE	18:30-21:30	
8	03/07/2021	SAT	09:30-12:30	
9	06/07/2021	TUE	18:30-21:30	
10	10/07/2021	SAT	09:30-12:30	
11	13/07/2021	TUE	18:30-21:30	
12	17/07/2021	SAT	09:30-12:30	
13	20/07/2021	TUE	18:30-21:30	
14	31/07/2021	SAT	09:30-12:30	

## *(Ref No. MHP0102) Occupational & Environmental Hygiene Surveillance and Health Monitoring*

### Description

It is a follow-up of the course (Ref No. MHP1111) *Elementary Occupational and Environmental Health* for the students who want to specialize in the discipline of occupational and environmental hygiene. This course will introduce common occupational diseases, hygiene monitoring and risk management.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ apply basic knowledge of hygiene monitoring and risk management in their work;
- ♦ conduct workplace safety surveillance;
- ♦ determine workers' fitness to work;
- ♦ suggest risk control and hazard management plans to improve the workplace environment.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	08/06/2021	TUE	18:30-21:30	TBC (near to MTR stations)
2	12/06/2021	SAT	09:30-12:30	
3	22/06/2021	TUE	14:00-17:00	
4	19/06/2021	SAT	09:30-12:30	
5	26/06/2021	SAT	09:30-12:30	
6	26/06/2021	SAT	14:00-17:00	
7	29/06/2021	TUE	18:30-21:30	
8	06/07/2021	TUE	18:30-21:30	
9	10/07/2021	SAT	09:30-12:30	
10	10/07/2021	SAT	14:00-17:00	
11	13/07/2021	TUE	18:30-21:30	
12	17/07/2021	SAT	09:30-12:30	
13	24/07/2021	SAT	09:30-12:30	
14	31/07/2021	SAT	09:30-12:30	

## *(Ref No. MHP1003) Occupational Medical Examinations and Surveillance*

### Description

It is a follow-up of the course *(Ref No. MHP1012) Occupational and Environmental Diseases* for medical doctors who want to specialize in the discipline of occupational and environmental medicine. This course will cover the study of occupational health surveillance, medical examination, and medical monitoring for different situations.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ apply basic knowledge of medical monitoring and surveillance for different occupational and environmental hazards;
- ♦ articulate laws and legislation of Hong Kong in working environment;
- ♦ determine patients' fitness to work.

### Additional Entry Requirement

- ♦ Hold a Bachelor degree in Medicine awarded by a local university, or an overseas university of acceptable standing.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	24/07/2021	SAT	09:30-12:30	TBC (near to MTR stations)
2	10/08/2021	TUE	18:30-21:30	
3	14/08/2021	SAT	09:30-12:30	
4	17/08/2021	TUE	18:30-21:30	
5	21/08/2021	SAT	09:30-12:30	
6	28/08/2021	SAT	09:30-12:30	
7	28/08/2021	SAT	14:00-17:00	
8	31/08/2021	TUE	18:30-21:30	
9	04/09/2021	SAT	09:30-12:30	
10	07/09/2021	TUE	18:30-21:30	
11	11/09/2021	SAT	09:30-12:30	
12	14/09/2021	TUE	18:30-21:30	
13	25/09/2021	SAT	09:30-12:30	
14	02/10/2021	SAT	09:30-11:30	

*(Ref No. MHP0013) Risk Assessment and Management in Occupational & Environmental Health Practice*

*NOTE: This course is suspended in 2021-2022.*

### **Description**

It is a follow-up of the course *(Ref No. MHP1012) Occupational and Environmental Diseases* for nurses and other health professionals who want to specialize in the discipline of occupational and environmental health practice. This course will cover the study of principles of health risk assessment and practice, occupational health surveillance, infectious disease control, health promotion and education.

### **Learning Outcomes**

Upon completion of this course, students will have acquired the ability to:

- ♦ apply basic knowledge of health surveillance, infectious disease control and health promotion in their workplace;
- ♦ develop, execute and evaluate occupational health and safety promotion programmes;
- ♦ determine patients' fitness to work.

*(Ref No. MHP0103) Occupational & Environmental Hygiene Evaluation and Instrumentation*

### Description

This course is specially designed for occupational health and hygiene learners. This course emphasizes both theoretical and practical experience of instrumentation in the assessment of working environment. General and basic principles of sampling, risk assessment, measurement and analysis methods will be covered.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ describe the general approach to risk assessment;
- ♦ select appropriate sampling methods;
- ♦ be familiar with instrumentation and measurement to assess the workplace environment;
- ♦ analyse and interpret collected data correctly.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	10/08/2021	TUE	18:30-21:30	TBC (near to MTR stations)
2	14/08/2021	SAT	09:30-12:30	
3	17/08/2021	TUE	18:30-21:30	
4	21/08/2021	SAT	09:30-12:30	
5	28/08/2021	SAT	09:30-12:30	
6	28/08/2021	SAT	14:00-17:00	
7	31/08/2021	TUE	18:30-21:30	
8	04/09/2021	SAT	09:30-12:30	
9	07/09/2021	TUE	18:30-21:30	
10	11/09/2021	SAT	09:30-12:30	
11	18/09/2021	SAT	09:30-12:30	
12	18/09/2021	SAT	14:00-17:00	
13	25/09/2021	SAT	14:00-17:00	
14	02/10/2021	SAT	09:30-11:30	

*(Ref No. MHP1114) Emerging Topics on Occupational and Environmental Health*

### Description

This course will introduce emerging hot topics in the discipline of occupational and environmental health. It covers up-to-date information on occupational health services, climate change and the role of occupational and environmental health, safety culture, shiftwork and health impact, ageing workforce etc.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ apply latest knowledge of occupational and environmental health in the workplace;
- ♦ be familiar with updated environmental monitoring strategies and safety issues in the occupational and environmental health.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	19/10/2021	TUE	18:30-21:30	TBC (near to MTR stations)
2	23/10/2021	SAT	09:30-12:30	
3	30/10/2021	SAT	09:30-12:30	
4	30/10/2021	SAT	14:00-17:00	
5	02/11/2021	TUE	18:30-21:30	
6	06/11/2021	SAT	09:30-12:30	
7	13/11/2021	SAT	09:30-11:30	
8	16/11/2021	TUE	18:30-21:30	
9	20/11/2021	SAT	09:30-12:30	
10	27/11/2021	SAT	09:30-12:30	
11	27/11/2021	SAT	14:00-17:00	
12	30/11/2021	TUE	18:30-21:30	
13	04/12/2021	SAT	09:30-12:30	
14	11/12/2021	SAT	09:30-12:30	



*(Ref No. MHP1005) Practical Work in Clinical Occupational and Environmental Medicine*

### Description

This course emphasizes practical work in the discipline of occupational and environmental medicine. It covers strategies for occupational rehabilitation. Students will need to demonstrate competency in utilizing knowledge and skills acquired during this programme to complete the project. In addition, basic principles of epidemiology and biostatistics as well as skills of critical appraisal for occupational and environmental health studies will be introduced.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ frame strategies for occupational rehabilitation and return to work;
- ♦ apply disability assessment and medical expert witness in Hong Kong;
- ♦ solve clinical problems in occupational medical using critical appraisal skills.

### Additional Entry Requirement

- ♦ Hold a Bachelor degree in Medicine awarded by a local university, or an overseas university of acceptable standing; and
- ♦ have completed *Occupational Medical Examinations and Surveillance* (ref no. MHP1003) or be able to demonstrate the knowledge with equivalent training.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	04/01/2022	TUE	18:30-21:30	TBC (near to MTR stations, except field trip)
2	08/01/2022	SAT	09:30-12:30	
3	11/01/2022	TUE	18:30-21:30	
4	15/01/2022	SAT	09:30-12:30	
5	15/01/2022	SAT	14:00-17:00	
6	18/01/2022	TUE	18:30-21:30	
7	22/01/2022	SAT	09:30-12:30	
8	29/01/2022	SAT	09:30-12:30	
9	12/02/2022	SAT	09:30-11:30	
10	15/02/2022	TUE	14:00-17:00	
11	22/02/2022	TUE	14:00-17:00	
12	01/03/2022	TUE	14:00-17:00	
13	05/03/2022	SAT	09:30-12:30	
14	05/03/2022	SAT	14:00-17:00	

## *(Ref No. MHP0015) Practical Work in Occupational and Environmental Health*

*NOTE: This course is suspended in 2021-2022.*

### **Description**

This course emphasizes practical work in the discipline of occupational and environmental health. It covers health education programme planning and skills for clinical practice in occupational health. Students will need to demonstrate competency in utilizing knowledge and skills acquired during this programme to complete the project related to occupational and environmental health practice. In addition, basic principles of epidemiology and biostatistics as well as skills of critical appraisal for occupational and environmental health studies will be introduced.

### **Learning Outcomes**

Upon completion of this course, students will have acquired the ability to:

- ♦ plan, implement and evaluate occupational education and promotion programmes;
- ♦ apply skills of disability case management and injury management;
- ♦ solve clinical problems in occupational health using critical appraisal skills.

## *(Ref No. MHP0105) Practical Work in Occupational and Environmental Hygiene*

### Description

This course emphasizes practical work in the discipline of occupational and environmental hygiene. It covers the essentials of routine hygiene surveys for hazard control, and accident investigation for prevention. Students will need to demonstrate competency in utilizing knowledge and skills acquired during this programme to complete the project. In addition, basic principles of epidemiology and biostatistics as well as skills of critical appraisal for occupational and environmental health studies will be introduced.

### Learning Outcomes

Upon completion of this course, students will have acquired the ability to:

- ♦ conduct routine hygiene surveys for hazard control and accident investigation;
- ♦ solve problems in occupational and environmental hygiene using critical appraisal skills;
- ♦ recommend valuable comments and suggestions to the workplace to have better practice in occupational and environmental hygiene.

### Additional Entry Requirement

- ♦ Have completed *Occupational & Environmental Hygiene Evaluation and Instrumentation* (ref no. MHP0103) or be able to demonstrate the knowledge with equivalent training.

### Tentative Schedule

Session	Date	Day	Time	Venue
1	04/01/2022	TUE	18:30-21:30	TBC (near to MTR stations, except field trip)
2	08/01/2022	SAT	09:30-12:30	
3	15/01/2022	SAT	09:30-12:30	
4	15/01/2022	SAT	14:00-17:00	
5	22/01/2022	SAT	09:30-12:30	
6	22/01/2022	SAT	14:00-17:00	
7	29/01/2022	SAT	09:30-12:30	
8	29/01/2022	SAT	14:00-17:00	
9	12/02/2022	SAT	09:30-11:30	
10	15/02/2022	TUE	14:00-17:00	
11	19/02/2022	SAT	09:30-12:30	
12	22/02/2022	TUE	14:00-17:00	
13	01/03/2022	TUE	14:00-17:00	
14	12/03/2022	SAT	09:30-12:30	