

Before you apply for this postgraduate course, please make sure that you match the participants profile and the participation's requirements. Then fill-in the application form and send it to us.

We invite you to go to the course's official Web page:

[www.itcilo.org/OSHcourse](http://www.itcilo.org/OSHcourse)

and follow the instructions in the "How to apply" section. Application should be submitted online from the Web page:

<http://lamp.itcilo.org/oshcourse/public/participar/inscripcion.php>

**The deadline for applications is 30 June 2012.**

Your application should be accompanied by a written communication from your sponsoring institution (or yourself, if it is the case) indicating its commitment to cover the cost of participation. This written communication can be sent by fax +39 011 6936548 or by e-mail: [socpro@itcilo.org](mailto:socpro@itcilo.org)

#### Eligibility criteria

The selection of participants for this programme will be made by a selection committee consisting of ITC/ILO and Turin University representatives. The selection criteria will include academic and professional qualifications, experience, organization of origin, country of origin, and gender balance.

*As an organization dedicated to fundamental human rights and social justice, the ILO is taking a leading role in international efforts to promote and realize gender equality. In line with this ILO focus, women candidates are especially welcome.*

The course will not take place with fewer than 20 participants. The maximum number of participants will be 35.

### The ILO Turin Centre's facilities

Located in an attractive park on the banks of the River Po, the Centre's campus provides a congenial environment in which to live and study.

- It contains 21 pavilions with fully equipped modern classrooms, conference halls and meeting rooms fitted out for multilingual simultaneous interpretation, a computer laboratory, and a computerized documentation centre linked to various data banks.

The campus has 287 study/bedrooms, all with private bathrooms, telephones and cable television. It also has:

- a reception desk open 24 hours a day;

- a restaurant, a self-service canteen and a coffee lounge, all catering for international dietary needs;
- a bank;
- a travel agency;
- a laundry service;
- a post office;
- an internet point;
- a recreation room;
- facilities for outdoor and indoor sports;
- an infirmary.

Social events are regularly held both on and off campus, so that participants from different cultural backgrounds can make the most of the stimulating international climate.

### For further information, please contact

International Training Centre of the ILO  
Social Protection Programme  
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## Postgraduate course on occupational health and safety in the workplace (7<sup>th</sup> edition)

1 October 2012 - 22 March 2013  
Turin, Italy



University of Turin  
Faculty of Medicine and Surgery



International Training Centre

[www.itcilo.org](http://www.itcilo.org)

# Postgraduate course on occupational health and safety in the workplace (7th edition)



## Rationale

Public and private sector organizations throughout the world are increasingly concerned with improving occupational safety and health (OSH). In both developed and developing countries, the rapid pace of technological change, combined with the persistence of unsafe or environmentally threatening working conditions, has served to focus attention on the need to create a safe, healthy working environment and to promote a new safety culture at the workplace. Organizations increasingly seek OSH professionals who can catalyse these processes, and it is not always easy to find professionals with the right skills.

Becoming a safety and health professional requires multidisciplinary training. The OSH profession calls for a broad-based educational background combined with specialized knowledge in physical sciences (medicine, physics, chemistry and engineering) and social sciences (behaviour, motivation and communication) together with the principles and concepts of management.

Accordingly, the University of Turin, Italy, in partnership with the International Training Centre (ITC) of the International Labour Organization (ILO), is offering a postgraduate course on Occupational Safety and Health in the Workplace. The twenty-three-week programme, to be held in English, includes an Internet-based distance learning phase and a face-to-face residential period at the ITC/ILO's campus in Turin.

The proposed programme combines the advantages of the academic experience in OSH of Turin University, (Department of Occupational Health) with the ITC/ILO's international training experience. An international approach has been applied to the contents, the methodology development as well as to the composition of the training team.

This programme involves participants from both developing and developed countries, who will thus have an opportunity to share their different experiences. Furthermore, it also offers a range of learning situations in which participants can enhance their analytical and problem solving skills.

OSH professionals need a multidisciplinary background to successfully operate in the broad field of OSH, therefore the programme incorporates training sessions on all the topics and disciplines relevant to OSH. The training focuses not only on OSH issues but also on the development of organizational, managerial and interpersonal skills. Study visits to 12 different productive settings are planned in order to offer direct interaction with experts in the field.



## Who is the course for?

**Participants' profile.** The course has been specifically designed for hygienists, physicians, chemists, engineers, inspectors,

practitioners and civil servants with a university degree but without previous specialization in OSH, who are working, or wish to work, as OSH specialists.

**Essential requirements.** A university degree, working knowledge of spoken and written English; access to computers and the Internet, and the ability to use them.



## Objectives

**General objective.** Facilitate the knowledge and skills required for effectively dealing with safety and health management.

**Specific objectives.** At the end of the training programme, participants will be able to:

- Manage the use of procedures, methods and other tools for hazard identification, risk evaluation and risk control.
- Formulate, implement and evaluate a safety and health plan for an enterprise, incorporating essential OSH concepts and techniques of OSH management.
- Advise employers and workers on technical requirements of OSH.
- Support the efforts of an enterprise to improve its OSH.



## Contents & methodology

This postgraduate course will have two phases, one consisting of 15 weeks' online distance learning; and another consisting of 8 weeks' residential training at the ITC/ILO campus in Turin, Italy.

### 1st Phase: Online distance learning (380 hours)

This phase includes 260 hours of study of materials and exercises and 120 hours of evaluation.

Participants will have access to an on-line platform through which they will learn in an individual as well as a collective way. They will receive support from tutors with expertise in the subject matter; participate in a forum, use the documentation centre, and network.

Participants will be introduced to the fundamentals and basic concepts of the OSH through the following six modules:

- Module A1: Introduction to the occupational safety and health.
- Module A2: Occupational Safety.
- Module A3: Occupational Hygiene.
- Module A4: Occupational Medicine.
- Module A5: Occupational Psychosociology and Ergonomics.
- Module A6: Organization of OSH at the national and the enterprise level.

Participants will receive learning materials specifically

designed for this activity and personal attention from tutors.

This phase is preparatory. It will enable participants with different levels and fields of knowledge to reach an adequate and homogeneous level for taking advantage of the residential phase.

### 2nd Phase: Residential phase (320 hours)

This phase will include classroom training (200 hours), study visits to selected enterprises and related training sessions (50 hours), and 70 hours of assessment.

### Training sessions

Instructors will use lectures, discussions, exercises and other interactive learning activities to strike a balance between theory and practice and to stimulate discussion among the participants and professors. A practical approach based on the analysis and resolution of OSH issues within enterprises will be taken.

The contents are split into 8 topics (one for each week). The modules in this phase are:

- Module 1: Safety techniques
- Module 2: OSH management competences
- Module 3: Major hazard control
- Module 4: OSH management systems
- Module 5: Physical agents and epidemiology
- Module 6: Occupational hygiene techniques
- Module 7: Occupational toxicology and medicine
- Module 8: Ergonomics

### Study visits

Technical visits to industries and other productive sectors will provide the opportunity to discuss with professionals in OSH management in various environments. Training sessions will also provide additional detailed explanation of risks and preventive measures adopted in the 12 different sectors visited.

### Documentation

Participants will receive follow-up documentation with which to expand their knowledge of the topics. They will also have access to the University of Turin and ITC/ILO libraries. A bibliography and links section will be incorporated into the virtual platform for the distance learning phase.

### Evaluation

Systematic tests and reports will assess the knowledge and skills acquired throughout the programme.

### Diploma

A Postgraduate Diploma from the University of Turin & ITC/ILO will be awarded to all participants who satisfy the participation requirements and pass the final examination.

### Resource persons

The teaching team has been selected for its professional experience and subject knowledge. It will combine academics with OSH practitioners:

- senior professors from the University of Turin and other renowned universities;
- OSH experts from the ILO and other collaborating organizations;
- OSH specialists from enterprises;
- tutors who will support and interact with the participants in all phases of the programme.



## Conditions of participation

### Language, duration and venue

The course will be held in English.

The programme will last 23 weeks (700 hours). The course will start on 1 October 2012 and end on 22 March 2013. (Distance learning will take place from 1 October 2012 to 11 January 2013 and the residential phase from 27 January to 22 March 2013).

The residential phase of the programme will be held on the campus of the ITC/ILO in Turin, Italy.

International Training Centre of the ILO  
Viale Maestri del Lavoro, 10,  
10127 Turin, Italy

### Cost of participation

The cost of participation is **Euro 7,600** payable in advance by the participant or his/her sponsoring organization. It includes:

- tuition fees
- training materials and books
- transport during the study visits
- use of training facilities and support services.
- accommodation in single room and full board (breakfast, lunch and dinner), in the residential and catering facilities in the campus of ITC/ILO
- laundry service
- the use of the facilities for recreation and sports at the Centre's campus; and,
- routine medical care and insurance.

### Applications

For admission to this programme, the following requirements are essential:

- a university bachelor degree, allowing to follow postgraduate studies;
- a working knowledge of spoken and written English;
- the ability to use computers and the Internet.