UCL Université catholique de Louvain

LGRBE2004

2010-2011

Introduction aux disciplines (ergonomie, aspects psychosociaux, hygiène, etc)

3.0 credits	30.0 h

Teacher(s) :	Lison Dominique ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Hygiene : The course introduces the main concepts of danger, risk, exposure, permissible value, inter-individual susceptibility and illustrates them with real examples. Different approaches to chemical exposure are included. Psychosocial aspects: The course gives an overview of the development and changes which have taken place in the world of work. It covers and defines the different issues involving psychosocial aspects in the workplace. Different processes are covered : from professional stress to exhaustion, moral harassment to relational suffering in the workplace. There is also an overview of different methods of diagnosis and intervention. Ergonomics : The course defines the notions of physical and cognitive ergonomics. It introduces concepts of work, tasks (prescribed, effective etc) and activity. It puts work analysis in a systemic perspective, based on a large number of examples. There is an overview of ergonomic intervention through its objectives, principles, criteria, stages etc.
Aims :	Hygiene : Introduction to the main concepts in toxicology and industrial hygiene to establish a dialogue with specialists in the field. Psychosocial aspects: To bring participants up to date with recent changes in the world of work and the impact of this transformation in work on the well-being of employees. To introduce the basic concepts and definitions linked to the psychosocial aspects and give an overview of approaches for diagnosis and action. Ergonomics : To make participants aware of the many different facets of ergonomics and the current issues. To give an overview of the basic concepts, reference models and methods in ergonomics. Introduction to ergonomic intervention. *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Content :	Hygiene : Introduction to the main concepts in toxicology and industrial hygiene to establish a dialogue with specialists in the field. Psychosocial aspects: To bring participants up to date with recent changes in the world of work and the impact of this transformation in work on the well-being of employees. To introduce the basic concepts and definitions linked to the psychosocial aspects and give an overview of approaches for diagnosis and action. Ergonomics : To make participants aware of the many different facets of ergonomics and the current issues. To give an overview of the basic concepts, reference models and methods in ergonomics. Introduction to ergonomic intervention. - Hygiene : The course introduces the main concepts of danger, risk, exposure, permissible value, inter-individual susceptibility and illustrates them with real examples. Different approaches to chemical exposure are included. - Psychosocial aspects: The course gives an overview of the development and changes which have taken place in the world of work. It covers and defines the different issues involving psychosocial aspects in the workplace. Different processes are covered : from professional stress to exhaustion, moral harassment to relational suffering in the workplace. There is also an overview of different methods of diagnosis and intervention. - Ergonomics : The course defines the notions of physical and cognitive ergonomics. It introduces concepts of work, tasks (prescribed, effective etc) and activity. It puts work analysis in a systemic perspective, based on a large number of examples. There is an overview of ergonomic intervention through its objectives, principles, criteria, stages etc.
Other infos :	Teaching method(s) : Presentations, illustrations, discussions. Assessment Methods : Examination in January as part of a joint assessment with the Introduction to the disciplines course. Case study : description of a company with an issue involving the management of risks and well-being. Students are required to clarify the precise functions of the prevention experts and suggest actions to be taken : oral or written defence (to be confirmed) before two examiners selected from the lecturers.
Cycle and year of study :	> Advanced Master in Risk Management and Well-Being in the Workplace
Faculty or entity in charge:	PSP