UCLouvain

Ikine1004

2024

Introduction to Ergonomy

3.00 credits	30.0 h	Q1

! This learning unit is not being organized during this academic year.

Language :	French			
Place of the course	Louvain-la-Neuve			
Main themes	Principal themes required to achieve the course goals: - relationships between human physiological capacity, morphological factors and work load; - relationships between work load and pathologies, in terms of risk factors as well as pathology; - methods of risk management in the factory; - the role of movement in preventing stress and work-related injuries; - the role of the physiotherapist in working environnement; - the legal frame to protect workers in Belgium and EU. Examples from real situations will be used.			
Learning outcomes	At the end of this learning unit, the student is able to: The student will study the relationship between Man and his working conditions. Specific topics include risk management (e.g. identification, adaptation, prevention of health risks), physiological and morphological factors involved in the health of humans in the workspace.			
Evaluation methods	Written exam: unique choice test			
Teaching methods	Lectures Exercices			
Content	- Wellbeing at work (definition, legislation) - The physical load of work - Mental effects of work - Control & signal devices - Physical environments of work - Musculo-skeletal disorders prevention - Anthropometry and Working adaptations - Methods of evaluation and prevention of health risks at work			
Inline resources	cf. Moodle			
Bibliography	cf. Moodle			
Faculty or entity in charge	FSM			

Programmes containing this learning unit (UE)						
Program title	Acronym	Credits	Prerequisite	Learning outcomes		
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	3		Q		