UCLouvain

2019

lkine1004

## Introduction to Ergonomy

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

3 credits 30.0 h Q1	3 credits
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Teacher(s)	Schepens Bénédicte ;					
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.					
Aims	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.					
	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".					
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written exam: multiple choice test					
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Lecture					
Content	<ul> <li>Wellbeing at work (definition, legislation)</li> <li>The physical load of work - Mental effects of work</li> <li>Control &amp; signal devices</li> <li>Physical environments of work</li> <li>Musculo-skeletal disorders prevention</li> <li>Anthropometry and Working adaptations</li> <li>Methods of evaluation and prevention of health risks at work</li> </ul>					
Inline resources	cf. Moodle					
Bibliography	cf. Moodle					
Other infos	Pre-requisite: no prerequisite Supervision: teacher					
Faculty or entity in charge	FSM					

Programmes containing this learning unit (UE)						
Program title	Acronym	Credits	Prerequisite	Aims		
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	3		٩		