

Faculty of Medicine



KINE1040 Ergonomy and readaptation

[45h] 3 credits

Teacher(s): Bénédicte Schepens (coord.), Jean-Louis Thonnard
Language: French
Level: First cycle

Aims

The student will study risk management, in terms of primary, secondary and tertiary prevention in the workspace. The student will acquire knowledge about adapting the workspace to the worker, including handicapped workers. All Man-Machine interactions will be studied, both during the normal workday as well as in the home, during leisure activities, and so on.

Main themes

Principal themes required to achieve the course goals :

- applying the general principles of the Human physiology to the workplace
- risk factors in different working conditions, and for different types of handicap;
- the best selection and use of different methods of risk management in factory;
- measurement of physiological factors both in the laboratory and in the factory.

The objectives will be achieved by means of oral presentations by the teachers as well as laboratory and field (i.e. working situations) practical exercises by the students.

This course is part of the 'Ergonomy and readaptation' orientation, and is the continuation of the course 'Introduction to Ergonomy'

Content and teaching methods

Will be completed by the titular professor when the courses will be attributed

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Pre-requisite Introduction to Ergonomy, Mécanique et biomécanique, Biomécanique appliquée à la kinésithérapie, Handicap and readaptation

Evaluation Individual and/or collective reports

Support Notes, scientific publications and/or books,

Supervision Teacher(s)

Others One of the two courses part of the 'Ergonomy and readaptation' orientation

Other credits in programs

IEPR3DS/TM Diplôme d'études spécialisées en sciences de la motricité (3 credits)
 (Thérapie manuelle)

KINE13BA Troisième année de bachelier en kinésithérapie et réadaptation (3 credits)