lkine1006

2019

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	Q2

Teacher(s)	Duque Julie ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The student will study the properties of basic electrical circuits supplied with DC and AC. This knowledge should enable it to understand the basic operation of pacemakers for clinical use and scientific basis of electrotherapy. Some applications are seen in more detail (eg IONTOPHORESIS, stimulation of healthy and pathological muscle, électroanalgésie)
Aims	1 At the end of this course, students will be able to use the principles of electricity and magnetism to explain the functioning of the main equipment used in electrotherapy. - - - - *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	As part of the course, principles of electricity and magnetism will be discussed. These principles will then explain how the various devices used in electrotherapy. A brief overview of his (their) action (s) physiological (s) will also be addressed.
Other infos	Rating: Review written or oral Support: Syllabus and / or book (s) Framing: Holder (s)
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		