

8.0 credits	40.0 h + 40.0 h	1q
-------------	-----------------	----

Teacher(s) :	Pereira Olivier ; Ben-Naoum Abdou Kouider ; Verleysen Michel ; Wertz Vincent ;
Language :	Français
Place of the course	Louvain-la-Neuve
Aims :	<p>Following this course, the students will be able to : Content-oriented objectives :</p> <ul style="list-style-type: none"> -- manipulate real functions of a single variable; -- master the basic notions of linear algebra; -- model simple phenomena using first order differential equations, and solve these equations; <p>Method-oriented objectives: "</p> <ul style="list-style-type: none"> -- analyze a mathematical statement, with the required rigor; -- formulate and write short proofs with the required rigor; -- read critically a mathematical statement; -- illustrate statements with examples and counterexamples; -- understand the various ways of mathematical proving techniques. <p><i>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".</i></p>
Cycle and year of study :	> Bachelor in Engineering
Faculty or entity in charge:	BTCI