Title:	Ordinary Differential Equations
Lecture hours:	30
~	
Study period: (summer/winter)	winter or summer
(Summer / Whiter)	
Number of credits:	30
Assessment methods:	classroom assessment, written test
issessment methous.	
Language of instruction:	English
Proroquisitos:	basics of Calculus
rierequisites.	
Course content:	The notion of ordinary differential equation (ODE) and its solution; graphical
	of solutions of first order ODE; separation of variables method; first order linear
	ODE; integrating factors; envelopes as singular solutions; linear ODE of higher
	rank.
Learning outcomes:	By the end of the course students should know: the notion of ordinary differential
	equation (ODE) and its solution (in various settings); graphical interpretation of a
	order ODE. Should be able to: solve ODEs of various types, discuss the question
	of uniqueness under some initial conditions and a structure of general solution.
Name of lecturer:	Dr Piotr Sworowski
Contest (small a ddusse)	niotaus@uluu.odu.nl
Contact (email address):	ptotrus@ukw.edu.pt
Literature:	James C. Robinson, An Introduction to Ordinary Differential Equations,
	Camoridge University Press, 2004