Applied Mathematics 311   Differential Equations I

(see Course Descriptions for the applicable academic year: (http://www.ucalgary.ca/pubs/calendar/)

Syllabus

Topics	**Number of hours**
Classification of differential equations, definition of solutions, explanation of existence and uniqueness theorems (without proofs)	2
Solutions of first-order equations with applications	9
Solutions of second-order equations with applications	8
Series solutions including singular points, and special functions	8
Laplace transforms	6
Systems of equations	3
TOTAL	36

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2001:08:21
Prerequisite change made 03:07:02
Prerequisite change made 08:07:01
LPB.jlong