



ORIGINAL COURSE IMPLEMENTATION DATE:
 REVISED COURSE IMPLEMENTATION DATE:
 COURSE TO BE REVIEWED: (six years after UEC approval)
 Course outline form version: 09/15/14

September 1999
 September 2026
 December 2031

OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: ENGR 255		Number of Credits: 3 Course credit policy (105)	
Course Full Title: Ordinary Differential Equations Course Short Title: Ordinary Differential Equation			
Faculty: Faculty of Science		Department (or program if no department): Mathematics and Statistics	
Official Course Outline: This is a cross-listed course. Please refer to MATH 255 for the official course outline.			
Calendar Description: This course provides theory and techniques needed to solve ordinary differential equations, with an emphasis on applications. Topics include first- and second-order linear differential equations, nonlinear equations, series solutions, Laplace transform methods, and linear systems of differential equations. Note: This course is offered as MATH 255 and ENGR 255. Students may only take one of these for credit.			
Prerequisites (or NONE):		MATH 112 or B or better in MATH 118.	
Corequisites (if applicable, or NONE):		None.	
Pre/corequisites (if applicable, or NONE):		One of MATH 152/ENGR 152, MATH 221, or PHYS 221.	
Equivalent Courses (cannot be taken for additional credit) Former course code/number: Cross-listed with: MATH 255 Equivalent course(s): <i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>		Transfer Credit Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Transfer credit requested (OReg to submit to BCCAT): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, fill in transfer credit form) Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No To find out how this course transfers, see bctransferguide.ca .	
Department approval		Date of meeting:	September 22, 2025
Faculty Council approval		Date of meeting:	October 31, 2025
Undergraduate Education Committee (UEC) approval		Date of meeting:	December 19, 2025