



ORIGINAL COURSE IMPLEMENTATION DATE:

September 1999

REVISED COURSE IMPLEMENTATION DATE:

September 2026

COURSE TO BE REVIEWED: (six years after UEC
approval)

December 2031

Course outline form version: 09/15/14

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