



DEPARTMENT OF SCIENCE

WINTER 2011

MA2150 INTERMEDIATE CALCULUS II – 3(3, 1, 0) UT 60 HOURS

INSTRUCTOR: Thomas Kaip

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OFFICE HOURS: TBA

PREREQUISITE: MA2140

CALENDAR DESCRIPTION:

The course includes first and second order linear differential equations with constant coefficients; curves, tangent vectors, arc length, integration in two and three dimensions, polar, cylindrical and spherical coordinates, line and surface integrals; Green's, divergence and Stoke's theorems.

REQUIRED TEXT: Single and Multivariable Calculus; James Stewart 6th Ed.
Chapters 10, 14, 16, 17, 18

DELIVERY MODE: Chalkboard

EVALUATIONS:	Assignments:	10%
	Quizzes:	15%
	Midterm Exam:	25%
	Final Exam:	50%

GRADING CRITERIA:

Refer to page 42 of the College Calendar

TRANSFERABILITY:

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.