Welcome to

MATH 2131 - Vector Calculus

Winter Term 2022

INSTRUCTOR: Dr. Razvan Anisca, email: ranisca@lakeheadu.ca

COURSE INFORMATION:

- **Class time**: Tuesday, Thursday 2:30-4pm
- **Office hours through Zoom:** Monday, Wednesday 3-4 pm
- **Accepted Textbooks** (not required): *Calculus: one and several variables* by Salas, Hille and Etgen, *Calculus* or *Multivariable Calculus* by James Stewart, Brooks/Cole.
- **Grading:** Your final grade will be computed as follows:

Grading Scheme	Assignments	Midterm	Final Exam
	10%	30%	60%

- **Midterm**: March 8 (during class time)
- **Homework:** Assignments are given as topics are covered in class. Assignments *will be collected and graded online using the free online homework system WeBWorK.*

SYLLABUS

Coordinate systems and vectors, parametric curves and surfaces, partial differentiation, multiple integration, vector fields, and vector calculus including Green's Theorem, Stokes' Theorem and the Divergence Theorem.

COURSE POLICIES

(1) Late assignments will NOT be accepted by the WeBWorK system.

(2) There will be NO make-up exams! If you miss the midterm for a legitimate reason which you can document (e.g. doctor's note), the weight of the midterm will be *transferred* to the final exam.

ACCOMMODATIONS

Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as soon as possible. For more information please visit:

$$http://studentaccessibility.lakeheadu.ca.$$