

Huron Brief Course Outlines

Fall/Winter 2023-2024

Course Title: Methods of Matrix Algebra

Course Number and Section

MATH

1229A - 550

Instructor Name(s): Marina Palaisti

Instructor Email(s): mpalaist@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:

Vectors in \mathbb{R}^m ; Equations of lines and planes; Linear Equations; Solution of Linear Systems; Matrix Algebra; Matrix Multiplication and Inverses; Determinants.

Learning Outcomes:

Obtain the technical skills to approach numeracy problems

Textbooks and Course Materials:

Custom Edition of Elementary Linear Algebra by S. Venit, W. Bishop, and J. Brown,
published by Nelson Education Ltd., ISBN: 0176559299

Methods of Evaluation:

| Assignment | Due Date mm/dd/yy | Weight - % |
|--------------------------------|-------------------|------------|
| Midterm Exam | October 27 | 35 |
| Quizzes | | 20 |
| Final Exam | | 40 |
| Best between Midterm and Final | | 5 |

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.