

FM 3817 - Optimization Methods Course Outline

1. Course Information

Course Information

Title: FM 3817 - Optimization Methods, Winter Semester 2022

Class Time & Place: MWF 9:30am-10:20am in WSC 240

List of Prerequisites Mathematics 1600A/B and one of Calculus 2302A/B, Calculus 2502A/B or Calculus 2402A/B.

List of Antirequisite(s): None

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

2. Instructor Information

Students must use their Western ([@uwo.ca](mailto:uwo.ca)) email addresses when contacting their instructors. Please include 'FM3817' in the subject line of your e-mails.

The office hours will be on Zoom. Zoom links will be posted on OWL.

5. Methods of Evaluation

There will be five homeworks, one midterm, and one final exam. Each homework will be posted on a Friday, see the schedule below. On the following Friday there will be a 15 minute quiz at the end of class that will test two of the homework questions. Afterwards, I will provide the solutions only to the two quiz questions. The rest of the homework questions may be used on the exams. The five homeworks together will be worth 25%, the midterm exam 35%, and the final exam 40% of the final grade. Both the midterm and the final exams are closed-book exams.

The overall course grade will be calculated as listed below:

Quizzes (5)	25%
Midterm Exam	35%
Final Exam	40%

Midterm Exam: Friday, March 3, 2023, 9:30-10:30am in TBA. The last lecture covered on the midterm is Friday, February 17.

Final Exam: 2 hours. The date and time will be scheduled by the Registrar's Office. If you miss the Midterm for a valid reason, then your Final Exam will be 2+1=3 hours long. In the last 1 hour you will work on additional questions covering the Midterm material.

6. Student Absences

If you are unable to meet a course requirement due to illness or other serious circumstances, please follow the procedures below.

Assessments worth less than 10% of the overall course grade:

If you miss a quiz, then the weight of the quiz will be moved onto the final exam.

Assessments worth 10% or more of the overall course grade:

For work totalling 10% or more of the final course grade, you must provide valid medical or supporting documentation to the Academic Counselling Office of your Faculty of Registration as soon as possible.

Western is committed to reducing incidents of gender-based and sexual violence and providing