

## Mathematics 221: Matrix Algebra Section 101 Course Overview

SCHEDULE:	9:00–9:50 MWF in MATX 1100
INSTRUCTOR:	Kevin Buhr
	Office: MATH 116, (604) 822–5868
	E-mail: <a href="mailto:buhr@math.ubc.ca">buhr@math.ubc.ca</a>
OFFICE HOURS:	Tentatively, 10:30–11:30 Tues, 10:30–12:30 Wed (or e-mail to set up an appointment)
COURSE WEBPAGE:	<a href="http://www.math.ubc.ca/~buhr/221/">http://www.math.ubc.ca/~buhr/221/</a>
TEXTBOOK:	David C. Lay, <i>Linear Algebra and Its Applications</i> , Updated Second Edition. Addison Wesley Higher Education, 2000. (ISBN: 0–201–34774–1)

**Grade:** Your final grade will be the greater of that calculated using the following two schemes:

	Scheme 1	Scheme 2
Quizzes	5%	5%
Midterm 1	20%	10%
Midterm 2	20%	10%
Final Exam	55%	75%
Total	100%	100%

**Quizzes:** I will hand out a take-home quiz each Wednesday due at the *beginning of class* the following Wednesday. I will make the answer key available on my office door and on the course web page soon after the quiz has been handed in. ***Late quizzes will not receive credit.*** There will be approximately ten quizzes, and they will be equally weighted to determine 5% of your grade.

You may work with other Math 221 students on these quizzes, and you may use materials such as textbooks, notes, calculators, or computers. However, you must write up your own original solutions. Copying all or part of an answer is not allowed.

**Midterm Exams:** There will be two midterm exams in class (9:00–9:50 in MATX 1100) on Wednesday, October 2 and Wednesday, November 6. If you cannot take a midterm at these scheduled times, contact me as soon as possible to make alternate arrangements.

**Final Exam:** The 2½-hour final exam will be held during the regularly scheduled exam period for this course. The Registrar’s Office will announce the time and location later in the term (around the middle of November). Final exam scheduling is completely out of my hands. I cannot reschedule the exam, and I cannot let any individual student write it at a different time. Please refer to Chapter IV “Academic Regulations” of the *UBC 2002/2003 Calendar* for information about resolving final exam scheduling conflicts.

**Missed Exams:** Be warned that *if you miss writing a midterm or final exam, you will receive a grade of zero on that exam*. In case of illness or medical emergency, I can make an exception, but I will require written documentation from your doctor.

**Studying and Homework:** As a general rule of thumb, you are expected to spend about two hours studying and doing homework for every 50 minutes of class time.

I will assign readings and homework exercises from the textbook on a regular basis. These exercises are not for credit, and answers need not be handed in. However, you are strongly encouraged to do the readings and write up answers to the exercises by the respective due dates. This will greatly aid your understanding of the concepts we discuss in class and so help maximize the benefit of the lectures.

**Academic Misconduct:** Please acquaint yourself with the university policies concerning academic misconduct, including plagiarism and cheating. See Chapter IV “Academic Regulations” of the *UBC 2002/2003 Calendar*, the section titled “Student Discipline.”

The university takes academic misconduct seriously. Cheating on an exam will earn you a grade of zero on that exam. Cheating on or plagiarizing a take-home quiz will earn you a grade of zero on *all* quizzes. In serious cases, the university authorities may impose additional penalties including a failing grade for the entire course or even suspension from the university.

**Feedback:** If you are having difficulty with any aspect of the course or have suggestions on how to make the course better, please stop by during my office hours so we can talk about it. If, for some reason, you feel uncomfortable talking with me, you can contact the professor in charge of all Math 221 sections, Dr. Jingyi Chen ([jychen@math.ubc.ca](mailto:jychen@math.ubc.ca)), or you can contact the Mathematics Department Head ([head@math.ubc.ca](mailto:head@math.ubc.ca)).