

Math 108: Linear Algebra

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Ryerson University

September 8, 2020

Some Course Information

About the Course

About Me

About Remote Learning

Some Course Information

There are two D2L shells for this class at my.ryerson.ca.

One is a **common course shell** for all sections and the other is **specifically for my sections** (Sections 4-6).

Use the **common course shell** to:

- find the **Course Management Form** (and **Homework Problems**),
- submit the **midterm** and **final exam**.

Use the **one for my sections** to:

- find the **Course Management Form** (and **Homework Problems**),
- submit **weekly homework** and **weekly quizzes**,
- access Zoom links to my live lectures,
- access recordings of my live lectures.

About the Course

Textbook:

Linear Algebra,
by Kunquan Lan (fourth edition), Pearson, 2020.

No lab this week! Check the **Course Management Form** for your lab time. **First lab and lab quiz next week.**

Midterm test: 8:10-9:50am, Tuesday, October 20, 2020.

About the Course

Week	Sections	Topics
1 (Sept. 8, 11)	1.1–1.3	Euclidean Spaces
2 (Sept. 15, 18)	1.4, 2.1–2.3	Matrices
3 (Sept. 22, 25)	2.4, 2.5	Matrices
4 (Sept. 29, Oct. 2)	2.7, 3.1–3.3	Determinants
5 (Oct. 6, 9)	3.4, 4.1, 4.2	Systems of Linear Eqns
6 (Oct. 12–16)	Reading Week	
7 (Oct. 23)	4.3–4.5	Systems of Linear Eqns
8 (Oct. 27, 30)	4.6, 5.1, 5.2	Linear transformations,
9 (Nov. 3, 6)	5.3, 6.1, 6.2	Planes and Lines in \mathbb{R}^3
10 (Nov. 10, 13)	6.3, 7.1	Bases and Dimension
11 (Nov. 17, 20)	8.1, 8.2	Eigenvalues
12 (Nov. 24, 27)	10.1, 10.2	Complex Numbers
13 (Dec. 1, 4)	10.3, 10.4	Complex Numbers

About the Course

10% **Weekly Homework** turn in on D2L

12% **Lab Quizzes** turn in on D2L

36% **Midterm test** 100 minutes,
8:10-9:50, Tuesday, October 20, 2020.

42% **Final Exam** 2 hours,
during the exam period (December 9-19).

Check the course outline (on D2L) for more details and notes, including what to do in case of illness, policy on accommodations, etc.

About Me

Dr. Michelle Delcourt

Virtual office hours: Thursdays: 10:00am to noon via Zoom

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Please email from your `@ryerson.ca` email address - otherwise your email may be ignored.

Please include MTH 108 in the subject line.

About Remote Learning

There are many resources for my sections are available:

- Discussion Boards on D2L
- Synchronous classes via Zoom (attendance required)
- Links to recordings posted on D2L