

# Syllabus: Math 152, Section 205

## Basic Information

Hi! I'm your instructor. My name is Elyse Yeager. You can call me "Elyse" or, if that makes you uncomfortable, "Dr. Yeager." You can email me at [elyse@math.ubc.ca](mailto:elyse@math.ubc.ca). My office is room 229F in the Mathematics Building, and my office phone is (604) 822-3629.

We will meet Monday, Wednesday, and Friday from noon to 1:00. Office hours will be:

Tuesdays 3:00-4:00 pm

Wednesdays 2:00-3:00 pm

in a location TBD. The Math Learning Centre will also provide on-call office hours. You can also email me to meet outside of these times if they do not work for you.

The website for all Math 152 sections is here:

[http://www.math.ubc.ca/~solymosi/2016\\_152/m152\\_common\\_solymosi.html](http://www.math.ubc.ca/~solymosi/2016_152/m152_common_solymosi.html)

This website has detailed information, including the course outline, policies, and assessment. This syllabus is purely supplementary to the information on the website. Our section's website is <http://www.math.ubc.ca/~elyse/152.html>

Our final exam is **not yet scheduled**. Final exams are held in April. Please do not make travel plans for the summer until you know when our final will be.

## Expectations

### Classtime

You are expected to come to class with some way of writing. Note-taking is encouraged, and from time to time you will be asked to work on a problem during class.

I try to foster an interactive classroom environment. I do hope that you'll raise your hand when you have a question, or to suggest an answer for a question I've posed to the class. Make sure you're participating, while still being respectful of your shy classmates who would also like a chance to speak.

### Studying

Lecture is only a small portion of the time you should be spending on this course. You should be studying outside of class frequently. It is generally easier to learn things in small doses than all at once, so you are encouraged to set aside time every day to do some calculus.

You should be reading the course notes at home as we go through different sections in class. **Reading the notes before class** can be a very useful way of previewing material. It helps you follow along during lecture, and identify the parts of the lecture where you need to pay attention the most, or where you would like to ask a question.

Additionally, you are responsible for familiarizing yourself with course policies. Reading syllabi is an excellent start (so pat on the back for getting this far), but make sure you are also familiar with the course webpage, Connect, etc.

## Course Description and Goals

From the course notes:

The subject of the course is Linear Algebra, focussing on three main topics: vectors and matrices and connections to geometry, linear systems, and eigenanalysis of matrices. Several applications are considered including resistor networks and random walks.

## Getting Help

Lots of people find their first few years in university challenging. If you find yourself struggling, I hope you'll take advantage of some of the resources available to you on campus.

### Help with Course Content

If you find yourself feeling overwhelmed, please do take advantage of some of these marvelous resources available to you.

- The Math Learning Center is staffed with tutors, and you can go there to meet other students. More information here: <http://www.math.ubc.ca/~MLC/>
- Other students in the course are an important resource. Ask the person sitting next to you if they want to work on homework together, or meet at a coffee shop to study for the next exam. Talking to strangers is hard, but having a community is helpful and important. If someone asks for help, keep in mind that teaching someone is a fantastic learning opportunity. Being able to do a problem on the homework is great, but often we learn even more when we're put in the position of explaining it to someone else.
- Free tutoring: <http://www.ams.ubc.ca/services/tutoring/> For independent, paid tutors, check bulletin boards around the math building.
- Talk to your teacher! Office hours are time I set aside to meet with students, and it gets boring when you don't come. You can grab me after class or email me at [elyse@math.ubc.ca](mailto:elyse@math.ubc.ca) to ask a short question, or schedule an in-person meeting if office hours don't work for you.
- The internet has pretty much everything. There's lots of free online textbooks and notes you can search for. There's also tutoring videos, like Khan Academy. If you look hard enough, the UBC pages have old exams.

### Help with Other Issues

Student Services at UBC has a variety of programs to help you stay happy and healthy. A good place to start is here:

<http://students.ubc.ca/livewell>

UBC provides services to address, among other things: illness and injury, mental health and wellbeing, sexual assault (for people of all genders), other violence, discrimination and harassment, diversity, disability, and ongoing medical considerations. If you have legal issues, you might be able to get help from the Law Students' Legal Advice Program, <http://www.lslap.bc.ca/> The Office of Equity and Inclusion <http://equity.ubc.ca/> is a good place to go if you want more information about maintaining an environment that is respectful, especially with regards to interculturality, LGBT\*QIA status, race, students who are parents, etc. The Office of Access and Diversity <http://students.ubc.ca/about/access> provides disability support.

Education is a tool for a better life, from increased earning potential to a heightened appreciation for the beauty and complexity in the world. Your real life extends far beyond the boundaries of this campus. It's important that you don't let your education interfere with your physical or emotional health.