

ESC103F Course Information 2022

Instructor

Professor William R. Cluett

Email: will.cluett@utoronto.ca

Assessment

Final exam:	45%
Term test:	30% (October 31 during testing period)
MATLAB test:	15% (December 1 and 2 during tutorial time)
Tutorial/lab participation:	10%

Textbook

There is no official textbook in the course. However, many students like to have a reference book that they can use to learn more about certain topics. For the linear algebra part of the course, there are two textbooks that have been used recently by Core 8 and Track One students in MAT188F:

Linear Algebra with Applications, Open Edition, by W. Keith Nicholson

<https://lyryx.com/linear-algebra-applications/>

Linear Algebra with Application, 5th edition, by Otto Bretscher

<https://www.uoftbookstore.com/adoption-search-results?ccid=27194&itemid=36462>

Tutorials

During tutorials, you will be assigned a number of questions by your TA that you will work through in small groups. Developing study groups in EngSci is important and my aim is to start cultivating this in ESC103F. All students in each group are expected to take turns leading the discussion in terms of how to approach and solve a particular question. Groups may also be asked by their TA to present their solution to all the students in their tutorial section.

Questions worked on during the tutorial plus their solutions, and some additional questions and their solutions, will be posted once the tutorials are complete each week on Q. The expectation is that you spend time on your own each week working through all of the problems, without first looking at the solutions! This will help you identify what concepts you are struggling with and need to spend more time on.

Office Hours

Your TA does not have office hours in their contract so bring any questions you want to ask your TA to your tutorial. Students are welcome to meet with me 1-on-1 or in small groups. If you wish to meet with me, send me an email with information on when you are available to meet over the next few days, and I will get back to you with a suggested day and time that works for both of us.