

**Linear Algebra**  
**Math 221 Section 103, Fall 2015**  
**Location: Math 100, MWF 1-2.**

**Instructor:** Dr Daniel Coombs. Office: Math Annex 1109; phone: 822-2859;  
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**Office Hours:** Wednesday 2pm-3pm, Thursday 11am-12pm, and by appointment. I will also usually be available right after class for quick questions.

**Grades** will be assigned using the following formula: Computer labs 20%; Six quizzes  $5\% \times 6 = 30\%$ ; Final exam 50%. Attendance at all quizzes is mandatory. Missing a quiz or submitting work late normally results in a mark of 0. Exceptions may be granted in two cases: prior consent of the instructor or a medical emergency. In the latter case, the instructor must be notified within 48 hours of the missed item, and presented with a doctor's note immediately upon the student's return to UBC. No make-up quizzes will be given. **However**, I will compute a clicker grade out of 6 points that will replace your lowest quiz grade if that is to your advantage.

You have to submit only your own homework, own quizzes, own clicking, etc. Although you are welcome to study together and discuss the homework with other students, the work you submit (electronically, on paper, or via clickers) must be your own. UBC policies on cheating and plagiarism are extremely strict. If in doubt, enquire before submitting.

**Clickers** will be used in this section. Everyone needs to get a clicker (available from the bookstore, make sure to register clicker via Connect).

**Textbook:** Linear Algebra and its Applications by David C. Lay. Third custom edition for UBC available at bookstore.

**Quizzes** will be held in class every second Friday. Preparatory questions will be posted online in advance of the quiz. You must work all problems in advance of the quiz in order to be prepared.

**Computer assignments** will be assigned, due every 2 weeks. To complete the labs, you will need to use Matlab. A basic student (unbundled) version of Matlab can be purchased and downloaded from Mathworks for \$49. You do not need any additional toolboxes for this class. Alternatively, you can use the department computer labs. More information will be posted later. Lab help will be available at times/locations TBA.

**Registration:** I will not sign add/drop forms. All adding and dropping procedures must be performed through the mathematics office. You must be officially registered in the class in order to receive a final grade. We will not grade work from students who are not officially registered.

**A practise midterm** (not to be turned in, not for credit) will be available in late October.