



BISHOP'S UNIVERSITY

MATH 196: FINITE MATHEMATICS FOR BUSINESS STUDENTS FALL 2014

INSTRUCTOR: Trevor Jones
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LECTURES: MWF 11:30-12:25, Nicholls 1 (Lecture 1)
MWF 12:30-13:25, Nicholls 2 (Lecture 2)
OFFICE HOURS: T 09:00-11:30, or by appointment

REQUIRED TEXT: *Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences*, 13th edition, by Haeusslet, Paul, and Wood
ISBN: 978-0-321-64372-8

DESCRIPTION: This course aims to familiarize business students with the fundamentals of linear algebra required by disciplines such as Statistics, Finance, Management, Economics, and others. Topics covered in this course may include: review of high school algebra, introduction to matrices, linear equations, matrix algebra, Gaussian elimination, and inequalities.

GRADES: The final grade will be calculated using the scheme below.

Final Exam, three hours in duration 100 %

However, if at least eight assignments have a positive grade, and the tests have been written, then the following change to the grading scheme is allowed, if it gives a higher grade:

- Assignments, generally once per week15 %
- Tests, there will be one pre-course assessment test and one midterm test, both held during class time 30 %
- Final Exam, three hours in duration55 %

SYLLABUS: We will cover the following material:

- Review of Algebra (1.1–1.6) (16 hours) (with examples from sections 2.1, 5.1–5, and 7.1)
- Review of Linear Equations (3.1, 3.4) (3 hours)
- Matrix Algebra (6.1–6.7) (13 hours)

NOTES:

- Tests and the final exam are closed book and closed notes. The use of aiding devices such as calculators, translators, or dictionaries are not permitted during the writing of tests or exams. If additional clarification concerning a test/exam question is requested by a student the attending examiner may provide additional clarification.
- A supplemental exam will be given on January 5, 2015 at 09:00 for those who qualify.
- Late assignments will not be accepted.