MATH 7281, Section 1 — Spring, 2018

Th 4:30 - 6:30 p.m.,   Dunn Hall 109

Instructor: Dr. Ben McCarty

Office: DH 345
Email: bmmccrt1@memphis.edu
Office hours: 1:00 - 2:00 Th

Prerequisites: Permission of Instructor.

Goals: This course focuses on the study of Euclidean n-space, as modeled by n-dimensional vector spaces. We will discuss linear transformations and matrices, systems of linear equations, bases, etc.

Texts: No text is required.

Expectations: Classes will strike a balance between lecture, individual and group problem solving, and homework presentations. You are expected to take complete notes, to participate in class activities, and to ask questions about what you do not understand. Attendance is important, and in a small class such as this, you will be missed if you're not here.

Grading Policy: Grades will be based on your in-class presentations and participation, homework solutions presented eCourseware, and 2 take-home exams.

   Grade Breakdown: 40 %   2 Exams
                                      30 %   Class Participation
                                      30 %   Online Homework

The grading scale (rounded to the nearest whole number) is straightforward:

$$90\% - 100\% \quad : \quad A \qquad 80\% - 90\% \quad : \quad B$$
$$70\% - 80\% \quad : \quad C \qquad 60\% - 70\% \quad : \quad D$$
$$0\% - 59\% \quad : \quad F$$

Other Miscellany: I will send out email emails from time to time with announcements and/or supplemental materials. Be sure that you check your Memphis email regularly (or have it forwarded to your preferred email address).

Make-up Policy: At the discretion of the professor

Written Assignments and Academic Misconduct: All written work submitted must be the students original work. This means that any substantive ideas, phrases, sentences, and/or any published ideas must be properly referenced to avoid even the appearance of plagiarism. It is the students responsibility to know all relevant university policies concerning plagiarism.

Students written work may be submitted to Turnitin.com, or a similar electronic detection method, for an evaluation of the originality of ideas and proper use and attribution of sources. As

part of this process, students may be required to submit electronic as well as hard copies of their written work, or be given other instructions to follow. Students taking this course agree that all assignments may undergo this review process and that the assignment may be included as a source document in Turnitin.com's restricted access database solely for the purpose of detecting plagiarism in such documents. Any assignment not submitted according to the procedures given by the instructor may be penalized or may not be accepted at all.

Any documented cases of plagiarism can and will result in dismissal from the course with a failing grade, and may result in other more serious sanctions by the College of Arts and Sciences.

Important dates:

- For holidays/university closures, see
  http://www.memphis.edu/registrar/calendars/academic/ay1718.php