Class meets:

10:30 am - 11:20 am  MWF  Liberal Arts Building 205

Prerequisite. Math for the Social Sciences I or equivalent.

Description. The Mathematics for Social Sciences II course is designed for students who major in business, social sciences, and liberal arts. The mathematical concepts will be focused on the real-life applications that students can relate to. The course contains basic problems and their applications in mathematics, including but not limited to: matrices, limits, the derivative and its applications, and integrals and their applications. A student who passes this course will be able to understand and work with these mathematical tools, and be able to apply them in future math courses and in their careers.

List of Topics Covered in this course:

- Chapter 3 - Matrix Algebra and Applications.
- Chapter 10 - Introduction to the Derivative.
- Chapter 11 - Techniques of Differentiation, Chapter 12 - Applications of the Derivative.
- Chapter 13 - The Integral.
- Chapter 14 - Further Integration Techniques and Applications of the Integral. (if time permits).

Evaluation/Grading:

- 30% Homework/Quizzes.
- 30% Examinations [There will be one or two or three of these, scheduled one week in advance].
- 40% Final Examination [Cumulative, contains questions covered throughout the course]. The Final exam will take place in class on Friday, May 13th at 10:00 to 12:45.
- I may choose to offer extra-credit assignments however these are not guaranteed and are usually more difficult than the homework.
Contact Instructor by email: dynnesonTeaching@gmail.com. My main office hours are Monday and Wednesday at 9:30 to 10:20 in Bell Hall 215. Office hours are also available by appointment. Please send me an email if you plan to attend an office hour, even the 9:30.

Textbook: I will be primarily using the text: Finite Mathematics & Applied Calculus, Waner and Constenoble. You do not need a current edition, nor do you need a physical copy of the book. I will also provide you with some additional resources.
Dynneson Rules:

- **Website:** [userwww.sfsu.edu/dynneson/classes/](userwww.sfsu.edu/dynneson/classes/)
  >> Click on your class.

1. **Sign into class each lecture.** There is a link on the class website for which to sign-in. I will keep a roll for my records. I will not be using your attendance as part of your grade, however attendance is advised, as I will be covering things that are not in the book.

- **Homework:**
  1. Print your WebAssign homework assignment and turn it in physically when it is due. This way I will have a hardcopy of your homework in case something happens with your account.
  2. The Following is for *Students who are having trouble with WebAssign:*
     Toll free: 800.955.8275
     Student Support Hours
     Monday–Thursday, 9 a.m. – 10 p.m. ET
     Friday, 9 a.m. – 8 p.m. ET
     Sunday, 11 a.m. – 8 p.m. ET
  3. For online homework extensions, please send an extension request through WebAssign, in addition to sending me an email (extension requests are given low-priority, so it is advised that you come to an office-hour).

- **Office Hours:**
  1. Please send me an email letting me know that you will be attending office hours (You can also include context of the meeting in the email).
  2. If my regular office hour does not work with your schedule, please contact me and we can set up an appointment.

- **Emails:**
  1. Please direct all emails to [dynnesonTeaching@gmail.com](mailto:dynnesonTeaching@gmail.com) (the UTEP mail system looses emails).
  2. All emails must mention which Class and Section you are taking, and your name should also be included.
  3. Please include an appropriate *Subject Title* for the email. For example, when replying to an announcement, but you have an unrelated question, either start a new email, or edit the Subject to start a new thread. Please keep replies to an email on the same thread.
  4. If I have not replied to your email after one week, please talk to me after class
(emails occasionally get lost in the UTEP mail system).
5. If you are not receiving my emailed announcements, please talk to me after class asap.

• **Miscellaneous:**
1. Technology use is encouraged during the class, however please keep your devices on silent.
2. Class participation (asking and answering questions) is encouraged, but not required. Do not worry about appearing intelligent/unintelligent, as I try not to look at the names when grading Final exams. It is better to look unintelligent during class then to answer a question incorrectly on an exam!
   ◦ Sometimes if you are confused on something, this is actually an opportunity to expand the body of mathematical knowledge, or to discover a new way of explaining something. I often learn from my students in this way.