



UNC CHARLOTTE

College of Liberal Arts  
Mathematics & Statistics Department

## MATH 2164-090 Matrices and Linear Algebra

**Faculty:** Dr. Adriana Ocejo  
e-mail: [amonge2@uncc.edu](mailto:amonge2@uncc.edu)

**Lectures:** TR 7:00 – 8:15 pm  
**Virtual Office hours:** W 10-11 am & TR 5-6 pm

### Course materials:

MyLab and Mastering with Pearson eText- Instant Access (18 weeks) for  
*Linear Algebra and its Applications*, 6<sup>th</sup> Ed.  
David Lay, Judi J. McDonald, Steven R. Lay.  
ISBN: 9780135851203

Every activity (readings, lectures, assignments, tests) can be accessed through Canvas.

### Lectures:

This is an **online synchronous class**. We will meet online via Zoom during the class time.

Participants will be initially muted to avoid unnecessary noise but can unmute themselves, for instance to ask questions. You can send a message visible to all participants or the instructor only, but no private messages to another participant. Lectures will be recorded and become accessible in Canvas.

While I understand there may be interruptions, I expect you to be present during the lecture (as in a regular classroom) and suggest that your meeting environment be as distraction free as possible. Please be mindful that at any time during the lecture I will launch a quick poll both to record attendance and to assess basic understanding of the material.

## Virtual office hours:

Office hours are Wednesdays 10-11 am, Tuesdays 5-6 pm, and Thursdays 5-6 pm, in my Zoom Virtual Room.

When you join in, you will automatically see the message “Please wait, the meeting host will let you in soon”. This is to prevent students from interrupting other student’s tutoring. I may ask students their consent to let another student come into the virtual office at the same time, otherwise I will admit you into the virtual office as soon as possible.

## Grading:

The scale is 0-100 and the final grade is distributed as usual:  
89.5-100 (A), 79.5-89.4 (B), 69.5-79.4 (C), 59.5-69.4 (D), 0-59 (F).

- Homework (30%)
- Knowledge-check quizzes (10%)
- Two midterm exams (30%, that is 15% each)
- Final exam (30%)

Extra credit (up to 10%) from Study Plan Mastery Points.

## MyLab and Mastering (MLM):

Reading, online practice exercises, homework and quizzes are assigned via this system. Please click the MyLab and Mastering tab in Canvas, then click “Open MyLab & Mastering”. To get access the first time, you will need an individual Access Code which you may either buy in the UNCC Bookstore or directly in the Pearson’s registration webpage. You may get temporary access to get you started.

For reading the material, you can access both an **eText** of a “print-like” book and an interactive version to play with figures.

In MLM, you have personalized study tools to track your progress via the **Study Plan**. The Study Plan provides the outline of the course’s content and your progress towards mastering it. Each section of the Study Plan contains several objectives. *Mastery* of each of these objectives gives you one point, which also accumulates towards extra credit (maximum 10%). Assignments that affect mastery are Quizzes (both Knowledge-check and Quiz Me type, read below for details) and Homework.

The **assignments** provide immediate feedback and learning aids. All your grades are synced to the Canvas gradebook.

### Knowledge-check quizzes:

Regular quizzes will be assigned after each lecture. The questions are conceptual and are meant to test your understanding of the material. You should read the material and attend (watch) lectures before attempting the quizzes.

### Homework:

Regular homework will be assigned after each lecture. The questions involve mostly quantitative skills. The due date of every homework is the Friday of the following week on which it was assigned. There is a late submission penalty of 30% and the last day to submit with penalty is Reading Day. You will have access to learning aids to help you solve the exercises such as “*Help Me Solve This*” and “*View Example*”. There is no limit on the number of attempts. You can review your results at any time and your scores appear in the Canvas Gradebook as well once they are synced.

### Quiz Me quizzes (for extra credit):

Quiz Me quizzes are not part of the graded assignments but count towards extra credit. These quizzes are accessed in the Study Plan and are meant to help you catch up with the general material while at the same time you earn mastery points not earned in the regular assignments (Knowledge-check and homework).

### Testing:

Midterm 1 on 10/08 and Midterm 2 on 11/12.

Midterms will be “live” during class time in Canvas using Respondus LockDown Browser and Webcam. Midterms link will be provided in advance of the test, with instructions.

Please have pencil/pen, calculator, and enough paper handy, as **you must show your work and submit it**. After the Midterm time is over, **you will have 10 minutes to upload your (hand-written) work to Canvas**. Please use an app, such as the free Adobe Scan app, to take pictures of ALL your work and save it as a SINGLE PDF file to be uploaded in Canvas. We will do a mock test to practice all of this.

Watch this brief video to get a basic understanding of LockDown Browser and the webcam feature.

<https://www.respondus.com/products/lockdown-browser/student-movie.shtml>

The Final Exam will be proctored. Specifics will be discussed closer the time when information becomes available.

**Copyright.** My lectures and course materials, including presentations, tests, exams, outlines, and similar materials, are protected by copyright and will be shared only within our Canvas course. I am the exclusive owner of copyright in those materials I create. I encourage you to take notes and make copies of course materials for your own educational use. However, you may not, nor may you knowingly allow others to reproduce or distribute lecture notes and course materials publicly without my express written consent. Students who publicly distribute or display or help others publicly distribute or display copies or modified copies of an instructor's course materials may be in violation of University Policy 406, The Code of Student Responsibility.

**Disability Services.** Students in this course seeking accommodations to disabilities must first consult with the Office of Disability Services and follow the instructions of that office for obtaining accommodations.

**IT considerations.** Given that this is an online class, the university requires that you have a laptop and suggests certain hardware specs. Check the details [here](#). Note that *Chromebooks, iPads, tablets, and mobile devices do not meet this requirement.*

**Syllabus Revision.** The standards and requirements set forth in this syllabus may be modified at any time by the course instructor. Notice of such changes will be by Canvas announcement or email notice.

*-Mathematics is the music of reason*