

# MTH 2540 - SCIENTIFIC PROGRAMMING WITH PYTHON

## COURSE INFORMATION

FALL 2025

---

**Dr. LINDA SUNDBYE**

**Metropolitan State University of Denver  
Department of Mathematics and Statistics**

**sundbyel@msudenver.edu  
Science 3022**

**<http://sites.msudenver.edu/sundbyel>  
303-615-0746**

**Regular Office Hours (Drop in any time):**

**Tuesdays and Thursdays  
12:00 - 1:50 pm**

**Office Hours in MS Teams by appointment.**

---

### TEXT INFO:

No text required. List of text references posted in Canvas.

---

### GRADE DETERMINATION:

There will be a homework score (65%), two unit exams (10% each) and a comprehensive final exam (15%). The Exams are all take home exams.

**Exams:**

|                       |          |                 |
|-----------------------|----------|-----------------|
| Take Home Exam 1:     | Thur–Sat | September 25–27 |
| Take Home Exam 2:     | Thur–Sat | November 6–8    |
| Take Home Final Exam: | Thur–Sun | December 4–7    |

**Missed exams:** No make-up exams will be given. The final exam score may be substituted for one missing unit exam. If no exam scores are missing, the final exam score may be used to replace the lowest exam score. The final exam, in either case, is 20% of the course grade and is NOT optional.

---

### HOMEWORK POLICY:

Homework will be submitted weekly in Canvas. Late homework up to two days late at half credit; after two days, no credit. Show all work.

Homework assignments and due dates are posted in Canvas.

---

### WITHDRAWAL DATES:

Monday, August 25, 2025 for 100% refund.

Wednesday, September 3, 2025 for 50% refund.

Thursday, November 20, 2025 is last day to withdraw.

---

---

## GRADING POLICY:

| Grade | %       | Grade | %        | Grade | %        |
|-------|---------|-------|----------|-------|----------|
| A+    | 96–100% | A     | 93–95.9% | A–    | 90–92.9% |
| B+    | 86–90%  | B     | 83–85.9% | B–    | 80–82.9% |
| C+    | 76–80%  | C     | 73–75.9% | C–    | 70–72.9% |
| D+    | 66–70%  | D     | 63–65.9% | D–    | 60–62.9% |
| F     | < 60%   |       |          |       |          |

---

## OTHER POLICIES AND RESOURCES:

Students are responsible for full knowledge of the provisions and regulations pertaining to all aspects of their attendance at MSU Denver, and should familiarize themselves with the policies found in the MSU Denver Catalog: <http://catalog.msudenver.edu>.

Department of Mathematics and Statistics Student Support Resources:

<https://www.msudenver.edu/math/academic-student-support-math-stats/>

The Department of Mathematics and Statistics is committed to, and cares about, all students. To help you manage personal challenges and basic needs security, the university offers several resources. Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Dean of Students (303-615-0220 or 303-615-0423) or the Gender Institute for Teaching and Advocacy (303-615-2052).

## ACCESS AND ACCOMMODATIONS:

Your experience in this class is important to me, as your professor, and to our university. Metropolitan State University of Denver is committed to providing an accessible and inclusive learning environment for all students, including those with disabilities. Students with a temporary health condition or permanent disability (conditions include but are not limited to: mental health, attention-related, learning, vision, hearing, physical or health-related) that impacts their access, performance or attendance should contact the Access Center, located in the Plaza Building, Suite 122, 303-615-0200 or visit their website, <https://www.msudenver.edu/access>

## MANDATORY PARTICIPATION VERIFICATION POLICY:

For the purposes of the MSU Denver Mandatory Participation Verification Policy, class participation in this course means that the student attends class or completes the homework. If a student does not attend any classes and does not have a positive homework score by the census date, they will be reported as NOT participating in the class. The student will then be administratively dropped by the Registrar's office from the course.

---