

# MTH 3420 - ORDINARY DIFFERENTIAL EQUATIONS

## COURSE INFORMATION

FALL 2024

Dr. Linda Sundbye

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Science 3022

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Phone: 303-615-0746

Regular Office Hours:  
(Drop in any time)

Tuesdays and Thursdays  
9:30 - 9:50 am, 12:30 - 1:50 pm

Office Hours by Appointment:  
(in MS Teams)

Wednesdays 10:00 am - 1:00 pm  
Or by appointment at other times

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**TEXT:** Boyce, Diprima & Meade, *Elementary Differential Equations, 12th Ed*, Wiley, (2022).

See my class website for more detailed text information and purchase options.

**SOFTWARE:** We will be using *Mathematica*. It is available for free download to all registered students (desktop and cloud versions). *Mathematica* is also installed in the campus computer labs. You will be given basic *Mathematica* code for the homeworks.

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**GRADE DETERMINATION:** There will be three unit exams (20% each), a homework/ *Mathematica* score (20%), and a comprehensive final exam (20%).

### Exams:

Exam 1:	Thursday	September 19
Exam 2:	Thursday	October 24
Exam 3:	Thursday	November 21
Final Exam:	To be announced	(Either December 10 or 12)

**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, however, is NOT optional and may not be missed.

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**HOMEWORK POLICY:** Homework will be collected weekly. 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.

**Check Canvas regularly for current course information.**

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### 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%				

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## OTHER COURSE INFORMATION AND POLICIES:

**Withdrawal Dates:** Monday, August 26, 2024 for 100% refund; Wednesday, September 4, 2024 for 50% refund; **Friday, November 1, 2024 is last day to withdraw.**

### **Resources and Policies:**

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/>

College of Letters, Arts and Sciences policies:

<https://www.msudenver.edu/letters-arts-sciences/current-students/forms-deadlines/>

The College of Letters, Arts and Sciences is committed to, and cares about, all students. To help you manage personal challenges and basic needs security, the university offers several resources. Any students 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 that this may affect their performance in the course, is urged to contact the Dean of Students at 303-615-0220 or 303-615-0423, the Gender Institute for Teaching and Advocacy at 303-615-2052, or the CLAS office at 303-615-0995 or 303-615-1301 for support.

### **Access and Accommodations:**

Your experience in this class is important to me. The 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 does the online homework. If a student does not attend any classes and does not have a positive score with their online homework 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.

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