MATH 214-B01 - ELEMENTARY DIFFERENTIAL EQUATIONS, SUMMER 2023
TR 4:30PM-7:10PM - SYNCHRONOUS ONLINE

Instructor: Simone Mazzini Bruschi
    Office: Exploratory Hall, room 4221
    Office hours: Monday and Wednesday 11am-12pm, or by appointment
    Email: sbruschi@gmu.edu

Teaching Assistant: Simone M Bruschi - sbruschi@gmu.edu
Recitations: - Tuesday & Thursday 7:20pm-8:10pm
TA Office hours: Monday 5pm-6pm or by appointment

Classes, Recitations, and office hours: On-line synchronous by Zoom:
    https://gmu.zoom.us/j/92160313478?pwd=QXAzZzhSaUdqRHJhZS9aNld5blh1Zz09
    Meeting ID: 921 6031 3478
    Passcode: Math214-TR

Textbook and Materials: *Elementary Differential Equations and Boundary Value Problems* 11th edition, by Boyce, DiPrima and Meade, Wiley.

Course Description: We will cover portions of Chapters 1-4, and Chapters 6,7 in the textbook. In the tentative schedule at the end of the syllabus, there is a detail list of sections covered in the course.

Course Testing schedule:

	Date and Time
Quiz 1	Thursday, June 01
Quiz 2	Thursday, June 08
Midterm 1	Tuesday, June 13
Quiz 3	Tuesday, June 20
Quiz 4	Tuesday, June 27
Midterm 2	Thursday, July 06
Quiz 5	Thursday, July 13
Quiz 6	Thursday, July 20
Final Exam	Thursday, July 27 - 4:30pm-7:15pm

Quizzes and Exams : All quizzes and exams will be online by using Blackboard, Gradescope, Honor lock, and/ or on-line proctoring. I will also schedule a time with each student to ask questions about your work in the exams. Be prepared to talk about your questions solutions. Please, find at Honorlock tab and also at the end of the this syllabus he technical requisites required for the on-line proctoring.
Homework/Worksheets - graded There will be homework every week (about 7 HW) and worksheets every class/recitation (15 worksheets) that will count 15% of your weighted final grade. The homework will be assigned in Gradescope. There is a Gradescope tab in the Blackboard left menu. The two lowest worksheets/homework grades will be dropped.
Late submissions. You can have a **homework** submission overdue up to 2 days and there is a penalty of 5%.

Checking your understanding - CYU For each book's section there isl a CYU with exercises and its answer key. This activity is not graded but is considered as part of the course. You are more than welcome to come to discuss exercises and/or any topic related to our course or math in general.

Grading:

Homework/Worksheets	15%
Quizzes:	4% each quiz - 6 quizzes and drop the lowest grade (total 20%)
Midterms :	20% each Midterm (total 40)
Final Exam:	25%
Bonus points:	0-3 pts (participation and attendance) **added** to your final weighted grade.

REMARK: Final exam grade can replace the lowest midterm grade if it is higher than the lowest midterm grade.

Your course total (out of 100) will be converted into your letter grade by the following table.

A-, A , A+	$90 - 103$
B-, B, B+	$80 - 89$
C-, C, C+	$70 - 79$
D	$60 - 69$
F	$0 - 59$

$+$ or $-$ may be attached to the grade for *approximately* the upper or lower 2 points.

Exams Make up Policy: Quizzes, midterm exams and the final exam are all scheduled since the beginning of the semester. Please pay attention to these dates when scheduling any other activity/appointment. If you have an emergency, or health issue please let me know as soon as possible (preferably before the exam).

Academic integrity: To promote a stronger sense of mutual responsibility, thrust, and, fairness among all members of the Mason community, and with the desire for greater academic and personal achievement, we, the student members of the university community, have set forth this honor code:

Student members of the George Mason University community pledge not to cheat, plagiarize, steal, lie in matters related to academic work

For the remainder of the code, see: http://oai.gmu.edu/mason-honor-code

Students with Disabilities: All academic accommodations must be made through the Office of Disability Services (ODS) at 703.993.2474. Students must provide a copy of their Faculty Contact Sheet in order to receive accommodations. Note that accommodations are not retroactive. https://ds.gmu.edu

Equity and Inclusion: George Mason University is an intentionally inclusive community that promotes and maintains an equitable and just work and learning environment. We welcome and value individuals and their differences including race, economic status, gender expression and identity, sex, sexual orientation, ethnicity, national origin, first language, religion, age, and disability. Please email me if you have any concerns about any feeling of inequity in this course.

Attendance Policy: Students are expected to attend all classes. If a student misses a class, it is their responsibility to get notes and relevant information on what they missed.

Important dates:
   Classes Begin - May 30
   Last day to drop with no Tuition Penalty - June 1
   Last day to drop with 50% Tuition penalty - June 14
   Last day of Classes - Wednesday, July 26
   Final Exam - Thursday, July 27, 4:30pm-7:15pm
   https://registrar.gmu.edu/calendars/summer_2023/final-exams-2/

Honorlock:

Honorlock will proctor your quizzes and exams for this course. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home.

You DO NOT need to create an account, download software, or schedule an appointment in advance. Honorlock support is available 24/7/365.

To take an Honorlock-enabled exam, you are required to have

- A computer (Windows, MAC, Chromebook)
- Working webcam/microphone
- A stable internet connection
- Google Chrome browser with Honorlock Chrome Extension
- Your ID (Mason-issued ID, Driver's License, etc.)

Please note, you CANNOT take your exams on Tablets, iPads, and mobile phones.

To check if your device meets minimum system requirements, to learn about Honorlocks's Minimum Requirements please visit

https://honorlock.kb.help/minimum-system-requirements/

This course includes a Honorlock enabled Practice Exam. You are encouraged to take this exam to familiarize yourself with the exam environment.

To get started, you will need Google Chrome and download the Honorlock Chrome Extension, https://honorlock.kb.help/install-the-honorlock-extension/.

When you are ready to take your exam, log in to Blackboard, go to your course, and click on your exam.

Click "Launch Proctoring" to start the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room.

Honorlock will be recording your exam session through your webcam, microphone and recording your screen.

Honorlock-enabled exams can detect the use of other devices and search-engine, so please do not attempt to search for answers.

Honorlock support is available 24/7/365.

If you encounter any issues during the exam, please contact the support team through the live chat function at the bottom right or top right of the exam page. ?Some guides that you should review are:

- Honorlock for Students https://its.gmu.edu/knowledge-base/honorlock-for-students/
- How to Use Honorlock https://honorlock.kb.help/how-to-use-honorlock-student/
- Honorlock Student FAQ https://honorlock.kb.help/honorlock-student-faq/ .

Weekly tentative schedule:

- May 30 - Sections 1.1, 1.2, 1.3,
- June 1 - Sections 2.1, 2.2 Quiz 1
- June 6 – Sections 2.3, 2.4
- June 8 : Sections 2.5, 2.6 - Quiz 2
- June13: Midterm exam 1 - Sections 3.1
- June15 - Sections 3.2, 3.3,
- June 20: Sections: 3.4, 3.5 Quiz 3
- June 22: Sections 3.5, 3.6
- June 27: Sections 3.7, 4.1 Quiz 4
- June 29: Sections 4.2, 4.3
- July 4 Independence Day
- July 6: Midterm exam 2 Section 6.1
- July 11: Sections 6.2, 6.3
- July 13: Sections 6.4, 6.5 Quiz 5.
- July 18: Section 7.1, part of 7.3, 7.4
- July 20 : sections 7.5, 7.6 Quiz 6.
- July 25 : section 7.8 (if have time section 7.9)
- **July 27 Final Exam - 4:30pm - 7:15pm**

MATH 214-3B1 - ELEMENTARY DIFFERENTIAL EQUATIONS, SUMMER 2023
RECITATION - TR 7:20PM-8:10PM - SYNCHRONOUS ONLINE

Recitation Instructor: Simone Mazzini Bruschi
Office hours: Monday 5pm-6pm or by appointment
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  Meeting ID: 921 6031 3478
  Passcode: Math214-TR

Course Description: The recitation is designed to supplement Math 214 lectures. While attendance is not mandatory, it is highly encouraged, as these sessions are a tool to facilitate your learning and understanding of the course material. During each meeting, you will be asked to complete a worksheet containing problems related to what was covered in the lecture. You will submit it by Gradescope using a tab in the Blackboard menu before the end of the recitation. The worksheet answers will be posted in Blackboard.

Bonus points to your weighted final grade You will have the opportunity to earn up to 3 bonus points **added** to your final grade in Math 214-B01 before converting to letter grade. Points will be determined at the end of the semester according to the following specifications:

  3 points: 0-2 absences and 85% of the worksheets
  2 points: 3-5 absences and 70% of the workhseets
  1 point: 6 abscenes and 65% of the worksheets

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