

Syllabus: Math 2A (Section 44Z), Winter 2021

6:30 – 8:45 PM Monday and Wednesday on Zoom

Instructor: Dr. Bill Wilson

Office Hours: 5:15-6:00 Monday, Wednesday via Zoom

Email: wilsonwilliam@fhda.edu

Phone: 408-309-3956

TEXTBOOK: A First Course in Differential Equations, 11th edition, by Dennis Zill.

Prerequisite: Mathematics 1D with a grade of C or better.

Course Description: Ordinary differential equations and selected applications.

Canvas: Canvas will be used for assignments, important information, and other resources.

Homework: Homework will be assigned most classes and will be due the following Monday.

Exams: Three exams will be given plus the final exam. Exam dates will be announced at least a week ahead of time. There will be no makeups. If an exam is missed because of a valid excuse, an equivalent of the final exam score will be used as the score for the missed exam.

Quizzes: Regular quizzes will be given. Quizzes will be announced at least one class ahead of time. You may correct and resubmit two quizzes for a higher score.

Project: There will be a couple of projects that explore an application of differential equations. More details will be provided during the course

Final Exam: A comprehensive final exam will be given on 3/24/20 from 6:15 PM to 8:15 PM.

Accommodations: Students requiring accommodations are welcome in this class. Please notify me and DSS of any special requirements. Go to <https://www.deanza.edu/dss/> for more information.

Grading:

- 3 midterms @ 10% = 30%
- homework and class work: 15%
- quizzes: 15%
- projects: 20%
- final exam: 20%

Scale:	A: 93+	A-: 90+	
	B+: 87+	B: 83+	B-: 80+
	C+: 77+	C: 70+	
	D: 60+		
	F: < 60		

ESL: If English is a second language, a print English translation dictionary is allowed for exams/quizzes

Expectations of Students:

1. **Academic dishonesty will not be tolerated.** If a student is found cheating on an exam or quiz, he or she will receive a 0 for the item. Repeated instances of cheating may lead to failing the course and further action.
2. **Showing your work.** You need to show your work on homework and exams to receive full credit.
3. **Respect you fellow students.** Silence cell phones and tablets in class.

Student Learning Outcome(s):

- *Construct and evaluate differential equation models to solve application problems.
- *Classify, solve and analyze differential equation problems by applying appropriate techniques and theory.