Lecture Sections 02   **Room**
TR 12:00–1:15pm   KUY 210

Instructor: Pierre-Olivier Parisé (email: `parisepo@hawaii.edu`)
Office: Physical Science Building (PSB) 302
Office hours: W 1:00–3:00pm & R 2:30–4:30pm

Course description

First order ordinary differential equations, constant coefficient linear equations, oscillations, Laplace transform, convolution, Green's function.

Course material

Textook: Trench, William F., *Elementary Differential Equations with Boundary Value Problems* (2013). Free textbook available through: `https://digitalcommons.trinity.edu/mono/9/`
Course website: `https://mathopo.ca/courses-website/math-302/math-302`. All the information about the course (like the schedule, lecture notes, homework solutions) is posted on the course website.
Laulima: The Laulima course website will also be used. This is where the homework assignments and your grades will be posted. The course website will also be embedded in the Laulima course website.

Important Dates

Refer to the google calendar on the course website for a detailed schedule.
- Midterms:
  - Midterm 1 on September 27th.
  - Midterm 2 on November 1st.
- Final: – December 15th, 12:00–2:00pm.
- Non-instructional day(s):
  - Election Day, November 8th.
  - Thanksgiving, November 24th.
  - Study Day, December 8th.

Grading components

Your course average will be determined by a weighted average of the components below.
(1) **Midterm exams (50%):** There will be two(2) midterms exams. Each exam will have a duration of 75min and will be in-person (the situation may change due to the COVID pandemic). No extra time will be allowed. Midterms are not cummulative and are in-person.
(2) **Final exam (25%):** There will be a commun final exam as scheduled by the university on December, 15th, 12:00–2:00pm. This exam is in class.

(3) **Homework (25%):** There will be homework each week assigned on each Tuesdays (starting on August, 23th and due for the next Tuesday, before 11:59pm). The homework problems will be posted on Laulima, in Assignments. You will be required to scan and upload your solutions to the homework problems on Laulima. The solutions will be posted on the course website, in the homework webpage. The best 10 scores will be used to compute your final score for this component.

Lectures

If you miss a lecture or recital, you are responsible for any assignments and/or announcements made. Unavoidable absences should be explained to the instructor.

The lectures will also be recorded and will be available for students in the Google Calendar after each class. The lectures won't be streaming online.

Missed assignment policies

Policies for exams: Attendance on the exams is compulsory; otherwise, a grade of zero will be recorded. Any student who has an excused, documented conflict with a test time must inform their instructor **within the two weeks prior to the midterm targeted** when possible. Late requests will either be denied or will result in an automatic deduction from the exam score. An absence due to a positive COVID-19 test result must be notified to the instructor with a doctor note and is not subject to the previous 2 weeks rule.

For those students with an excused absence for a midterm, there will be a make-up exam. **The final exam cannot be taken before the scheduled time for any reason.**

Conflicts arising from work or social obligations, or from personal travel plans do **not** qualify as excused absences. By registering for this course, you are agreeing to take all exams at the scheduled times.

Policies for homework: No late homework will be accepted. The mark zero(0) will be attributed to a late homework. For each homework, there will be 5% of the total point for respecting the template.

Academic integrity: All students are expected to abide by the university's Conduct Code. Academic sanctions for dishonesty may include receiving an F in the assignment or receiving an F in the class. There may be additional administrative sanctions, see
`https://www.hawaii.edu/policy/index.php?action=home&policySection=ep`

Academic Expectations: You should be familiar with the academic expectations for UH Math courses outlined here:
`http://www.math.hawaii.edu/~dale/Expectations.html`.

Concerns

If at any time during the semester you have any questions or concerns about the class, please contact me during regularly scheduled office hours or via email to make an appointment. You may also contact the following people:

Director of Undergraduate Studies   **Associate Chair**
Mirjana Jovovic   Bjørn Kjos-Hanssen
`undergrad-dir@math.hawaii.edu`   `assoc-chair@math.hawaii.edu`