

# MATH 151A, Applied Numerical Methods I

## Section 1, Winter 2020

**Instructor:** Samy Wu Fung

**Webpage:** <http://www.math.ucla.edu/~swufung>

**Email:** swufung@math.ucla.edu

**Office:** MS 7619F

**Office Hours:** (*Tentative*) Tue, Thur 5:00-6:00 PM PDT (via Zoom), or by appointment.

**Lectures:** MWF, 8:00 - 8:50 AM, Zoom

**Course Website:** <https://ccle.ucla.edu/course/view/20W-MATH151B-1>

**Teaching Assistants:** Andrew Krieger (email: akrieger@ucla.edu)

**Discussion section:** Thu, 8:00-8:50 AM

**TA Office Hours:** TBD

**Prerequisite:** Completion of, or AP/transfer credit for, MATH 32B, 33B, 115A, PIC 10A with a grade of C or better.

**Textbook:** R. Burden and J. Faires, *Numerical Analysis*, 10th Ed., Brooks/Cole.

**Lectures:** The lectures will be done via Zoom and will be recorded and posted on CCLE to accommodate students taking the course in different time zones.

**Homework:** Homework assignments will be announced in class and posted on the course website. The assignments will be graded and returned to you in your discussion sections, usually the following week. Your score on each homework assignment will be based on a few randomly chosen problems, graded for correctness, as well as overall completion of the rest of the assignment. Homework reports should be neatly written. Two sources to help you do so are LaTeX, or the Adobe Scan app. **Late homework will not be accepted**, but your lowest homework score will be dropped.

**Exams:** Exams will be take-home assignments and you will be given 24 hours to finish them. There will be no make-ups for missed midterms. You must take the final exam in order to pass the class. Make-ups for the final exam are permitted only under exceptional circumstances, as outlined in the UCLA student handbook. The exams are scheduled for the following dates:

Midterm (tentative): Friday, May 1, 2020

Final exam: Friday, June 12, 2020

**Grading:** Your final average in this class will be computed as follows:

Homework	20%
Midterm	30%
Final Exam	50%

and the letter grading scheme will be computed as follows

Letter Grade	Percentage Interval
A	93% and above
A–	90% and less than 93%
B+	87% and less than 90%
B	83% and less than 87%
B–	80% and less than 83%
C+	77% and less than 80%
C	73% and less than 77%
C–	70% and less than 73%
D+	67% and less than 70%
D	63% and less than 67%
D–	60% and less than 63%
F	below 60%

If you believe that a problem on a homework or an exam has been graded incorrectly, or that your score was not correctly recorded, you must bring this to the attention of the professor before the date of the final exam and within **7 calendar days of the due date** of the assignment in question, or the distribution of the date of the midterms.

## Notice about academic integrity

From the office of the Dean of Students:

"With its status as a world-class research institution, it is critical that the University uphold the highest standards of integrity both inside and outside the classroom. As a student and member of the UCLA community, you are expected to demonstrate integrity in all of your academic endeavors. Accordingly, when accusations of academic dishonesty occur, The Office of the Dean of Students is charged with investigating and adjudicating suspected violations. Academic dishonesty, includes, but is not limited to, cheating, fabrication, plagiarism, multiple submissions or facilitating academic misconduct."

Students are expected to be aware of the University policy on academic integrity in the UCLA Student Conduct Code:

[www.deanofstudents.ucla.edu/Portals/16/Documents/UCLACodeOfConduct\\_Rev030416.pdf](http://www.deanofstudents.ucla.edu/Portals/16/Documents/UCLACodeOfConduct_Rev030416.pdf)

Please note the sections on (1) cheating, (2) plagiarism, and (3) unauthorized study aids.

**Violation of course policy involving plagiarism, cheating, or possession of course materials during exams will be referred to the Dean of Students**, who will be encouraged to take strong action. Do not cheat! The penalties can be very harsh. Do not believe it if you hear that "everyone does it." You generally do not hear about the punishments because they are kept confidential. If you are found responsible by the Dean of Students for violating course policy, cheating on any course materials, or giving or receiving unauthorized help, a zero will be assigned for the entire assignment. No exceptions will be made! Past examples of penalties also include loss of an entire term of credit and suspension for several terms. If you plan to apply to graduate or professional school, such a negative mark on your record may be a major obstacle to admission.

## Notice about sexual harassment, discrimination, and assault

Title IX prohibits gender discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking. Students who have experienced sexual harassment or sexual violence can receive **confidential** support and advocacy from a CARE advocate:

The CARE Advocacy Office for Sexual and Gender-Based Violence

1st Floor, Wooden Center West

[CAREadvocate@caps.ucla.edu](mailto:CAREadvocate@caps.ucla.edu)

(310) 206-2465

You can also report sexual violence or sexual harassment directly to the University's Title IX Coordinator:

Kathleen Salvaty

2241 Murphy Hall

[titleix@conet.ucla.edu](mailto:titleix@conet.ucla.edu)

(310) 206-3417