

Syllabus for Math 151B - 1: Applied Numerical Methods

Course: Math 151B - Lec 1
Lecture: MWF 9-9:50am at MS 5137
Discussion: Tuesday 9-9:50am at MS 5137

Instructor: Carmeliza Navasca
Office: MS 6180
Email: navasca@math.ucla.edu
Phone: 206 8685
Office Hrs: TBA

Teaching Assistant: Eric Chung
Office: MS 3915E
Email: tschung@math.ucla.edu
Office Hrs: TBA

Class Webpage <http://www.math.ucla.edu/~navasca/151b.1.04w/>

Textbook Burden and Faires, *Numerical Analysis* 7th ed., Brooks/Cole

Grading Scheme

Theoretical Homework	15%
Computational Homework	25%
Midterm Exam	25%
Final Exam	35%

Assignment

Theoretical: I will assign homework problems mostly from the textbook at the beginning of each lecture. The assignment will be collected bi-weekly at the beginning of class. I will also post the assignment on the class webpage.

Computational: There will be 4 computational assignments. You will have two weeks to complete the projects. Please refer to the class webpage for guidelines on assignment write-ups.

You may code in your favorite language, but there will be support for algorithms written in MatLab. I advise those students who have little or no computing background to use MatLab.

I encourage you to talk to your classmates to discuss materials in class and homework problems. However, I expect you to do your own individual write-ups and to program your own codes!

There will be no late homework accepted!

Computer Lab

You will have access to PIC Lab located at BH 2817. You may check out the PIC Lab webpage at <http://www.pic.ucla.edu/piclab>. A class account is created automatically once you are registered for this class. Activate your account in BH 2817

with your *bruin on-line username* and 9-digit ID number. If you don't have a bruin account, please see a lab assistant on duty.

Exam Dates

Midterm: Friday, 20th February, 9-9:50am at MS 5137

Final: Wednesday, 24th March, 3-6pm, location TBA

Exam Policy

If you miss a midterm exam without valid medical document from a physician or proper document for University-sanctioned reasons, you will receive a θ on the exam.

The final exam must be taken in order to receive a passing grade. If you miss the final exam, you will automatically receive a grade of F , unless you have met conditions for an I -grade (incomplete) or have valid medical excuse.