ECE133A Discussion 1

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Office hour	Friday, 10am-11am

ECE133A Applied Numerical Computing (Spring 2021)

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Course logistics

- weekly homework: due on Friday via Gradescope
- a project (tentative)
- midterm: open-book, Tuesday, May 4, 4pm–5:50pm (in class)
- final: open-book, Monday, June 7, 6:30pm-9:30pm
- course materials: on CCLE

Introduction to MATLAB

- you have free access to MATLAB via SEASNET student account
- the official site offers a nice start-up tutorial
- you are not expected to have a strong background in programming
- the programs you write will use only a tiny subset of MATLAB features

Introduction to Julia

- Julia is a new programming language for scientific computing
- friendly syntax for building math constructs like vectors, matrices
- official site: you can download the software and find a tutorial there
- Jupyter is a open-source web application on which you can create and share live codes, visualizations, and narrative text
- Julia companion for textbook