

CS 105

Introduction to Scientific Computing

Final Exam Review

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FINAL EXAM DETAILS

- Thursday, December 18th , 1-5pm, E222 (E229 if necessary)
- No electronic devices allowed
- Worth 25% of your final grade
- All your **handwritten** notes are permitted

TOPICS

1. Variable names and assignment
2. Writing MATLAB expressions
3. Evaluating Boolean expressions
4. Matrices
 - a. Assignment
 - b. Operations
 - c. Sub-matrices
 - d. Looping through
5. Plotting
6. Conditional Statements

TOPICS (CONTINUED)

7. Interactive I/O (input/display)

8. Loops

9. Functions

- a. Using MATLAB built-in functions
- b. Custom Function

10. Recursion

11. File I/O

HOW TO PREPARE?

- Review exams
- Check out the loop references/practice problems on Moodle
 - And try solving, coding, and testing them yourself!
- Check out selection of problems from previous Final