

Transition to Matlab

CSI 132 Fall 2011

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<http://www.cs.cornell.edu/courses/cs1132/>

Today's meeting

- Course goals
- Organization and requirements
- Logistics
- Scheduling

Course Goal

Learn how to program in Matlab!

Topics:

- Matlab basics (environment, built-in functions)
- Arrays (vector, matrix)
- Vectorized code
- Control flow (if-else, loops)
- User-defined functions
- Strings and cell arrays
- Graphics
- Basic I/O (including file I/O)

Programming Fundamentals ...

... that you should practice

- Top-down design
- Modular program development
 - Reduce redundancy
- Concise documentation
- Thorough testing

Must-know facts about CS1132

- Course ends after 10 weeks: November 4th
- 1 credit (equivalent to 4 weeks); S/U
- Self-paced and requires **mastery of material**
 - B or equivalent is required to pass the course
- 2 homework and 2 tests
 - Multiple attempts are allowed
 - Last day to submit Module 1 work is Sept 30th; last day to submit Module 2 work is Nov 4th
- All course materials are online and in the textbook
- **The website is the course**
- **Discussion sections are *optional***
- Consulting available MTWR 5-9pm in ACCEL Green Rm (Engineering Library, Carpenter) starting next Tuesday

How to submit homework

- Submit your homework files on **CMS**
- Grading
 - 0 or 1: **unsatisfactory**; review grader's comments, fix and resubmit (as regrade request)
 - 2 or 3: **satisfactory**; review grader's comments
- Resubmitting a homework:
 - Carefully consider the grader's comments, but final correctness of your homework is your responsibility
 - Submit all (corrected) files related to the same question
 - Check/click the “**Regrade Request**” option
- **Two deadlines**: Sept 30 (Module 1), Nov 4 (Module 2)

How to sign up for a test

- Take Test1 **after** you submit HW1
- Take Test2 **after** you submit HW2
- You can sign up after submitting the relevant homework—no need to wait for grading result
- For each test, sign up for a spot in one of the (many) test sessions listed in CMS.
 - If you have an unsuccessful attempt, sign up for another attempt the following week. Occupy only **one test slot at a time**.
 - We add test sessions throughout the semester, about a week in advance
 - **Last session** will be in week 10 (but please don't wait until then...)

Academic integrity

- Electronic submission and the self-paced nature of the course do not alter the University standards on academic integrity
- Your individual work is required
 - Do not copy code from any source (friend, published work, Internet, ...)
 - You can discuss general strategy with others, but do not share any code, whether written, electronic, or verbally
 - We use MOSS or similar software to check submitted programs

What to do now?

- Check course website!
- Start studying the course material
- Log on CMS (start from course website). If CSI 132 is not listed under “*My courses*,” then you need to be added to the system. Email [Maarika Teose <mt524@cornell.edu>](mailto:MaarikaTeose@cornell.edu) to request this and indicate your **Cornell NetID**.