

Course Information

1

EECS 2031 – Section Z

Winter 2018

Instructor

- Afshin Rezaei Zare
- Office: LAS-2022
- Email: rezaei@yorku.ca
- Office hours:
 - Tuesday, 16:00 to 18:00
 - By appointment in special cases
- Course web site: [York Moodle](#)

Course Content

- C programming language
 - Learning how write, test and debug C programs
- Unix (Linux) operating system
 - Using UNIX tools to automate compilation, program execution, testing and file manipulations
 - UNIX shell programming
- Why C and Unix? Widely used, powerful, fast

Textbook

- **The C Programming Language** (2nd edition)

B. W. Kernighan and D. M. Ritchie
Prentice Hall Software Series

- Online references for UNIX

Course Objectives

By the end of the course, you should be able to

- use the basic functionality of the Unix shell, such as standard commands and utilities, input/output redirection, and pipes
- develop and test shell scripts of significant size.
- develop and test programs written in the C programming language.
- describe the memory management model of the C programming language
- use test, debug and profiling tools to check the correctness of programs

Skills to Be Acquired

- writing code
- testing and debugging code
- reading code (just as important as writing code)

Grading Scheme

- 10% – Weekly labs
- 40% – Lab tests (2, each 20%)
- 20% – Midterm test
- 30% – Final exam

Weekly Labs

- A set of **small** problems is posted on by the weekend after each lecture for you to prepare.
- In the following week lab session, you will complete and submit the programs under the “labtest” mode.
- No books or notes are allowed.
- All submitted labs are individual work. We use MOSS (Measure Of Software Similarity) to detect software plagiarism.

Tutorials:

- The TA gives a short tutorial (30 minutes) at the beginning of the lab before the “labtest” mode starts.

Tests and Exam

- Lab tests (2)
 - Small to medium-size programming problems
 - Based in weekly lab problems
 - Questions are **not** given in advance.
 - Weekly labs will be made available during the tests.
 - Results and marks will be sent to students via email.
- Midterm test (written)
- Final exam (written)

Test and Exam Policy

- You are allowed to miss a test/exam only under extraordinary circumstances.
- If the reason is sickness, your doctor must fill in the [Attending Physician's Statement](#) form.
- There is NO make up test. The weight of a lab test, if missed, will be transferred to the other lab tests .
- The weight of the midterm test, if missed, will be transferred to the final exam.
- All tests and exam are closed-book tests. No books, notes or calculators are allowed during a test/exam.
- All assignments, labs, tests and exam are individual work. Plagiarism and cheating are not tolerable.

Useful Suggestions

- When sending emails to the instructor or TA, please indicate "EECS 2031" in the subject line (e.g., "EECS 2031 - Lecture notes unreadable").
- For questions related to course materials, it is best to come to the office hours. Email is not a good way to explain the materials.
- Attend the lectures! The lecture notes give only outlines of the lectures. Details and additional information will be given in class.
- Read the lecture notes and the textbook before and again right after each lecture.
- Programming, programming, programming.



Did you catch that?

Software Engineering Disasters

Code that does not compile
will receive a grade of 0

Any questions?