

# Course Information

EECS 2031

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Przemyslaw Pawluk

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# Instructor

- ▶ Przemyslaw Pawluk
- ▶ Office 2001 TEL
- ▶ [pawluk@cse.yorku.ca](mailto:pawluk@cse.yorku.ca)
- ▶ by appointment
- ▶ [www.eecs.yorku.ca/course/2031](http://www.eecs.yorku.ca/course/2031)

# Textbook

## The C Programming Language

2<sup>nd</sup> edition

B. W. Kernighan and D. M. Ritchie

Prentice Hall Software Series

# Objectives

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

- ▶ Write applications (though small) in C
- ▶ Read and understand C code
- ▶ Just as important as writing code
- ▶ Test and debug your code
- ▶ Use UNIX to automate the compilation process
- ▶ Write programs using UNIX shell scripts

# Course Content

## C programming language

- ▶ How to write, test and debug C programs

## UNIX 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

# Grading Scheme

- ▶ 20% Midterm test (written in class, closed-book)
- ▶ 20% Lab Test 1
- ▶ 20% Lab Test 2
- ▶ 40% Final exam (written, closed-book)

# Laboratory

## Weekly

Practice tasks to prepare you for the labtest.

These exercises are not marked.

# Tests and Exam

## Labtests

- ▶ Small to medium-size programming problems
- ▶ Questions are not given in advance.
- ▶ No aids allowed

## Mid-term

- ▶ Closed-book
- ▶ In class

## Final

- ▶ Closed-book
- ▶ During the examination session



Questions?