

Overview

Welcome to **ESC 190 – Computer Algorithms and Data Structures!** This course introduces fundamental computer algorithms and data structures. We will use the C and Python programming languages.

Website & Forum

Website: <https://www.cs.toronto.edu/~guerzhoy/190/>

Forum: <https://piazza.com/utoronto.ca/esc190/>

All course handouts will be posted on the course website. *Students are responsible for reading all announcements on the course forum on Piazza.*

Instructor

Instructor	Email	Office	Office Hours
Michael Guerzhoy	guerzhoy@cs.toronto.edu	TBA	TBA

Grading

The grading scheme for the course is as follows.

	Worth	Date
Labs	10%	Approximately 8 labs throughout the term
Projects	25%	2-3 projects. Tentative due dates: March 1, March 29, April 8
Midterm	25%	March 11
Exam	40%	TBD

Labs

Unless specified otherwise, a lab needs to be completed every week. Labs must be completed in teams of two students. Teams that make their best effort toward completing the lab will be awarded full credit. Rather than submitting the lab, teams will schedule time with their TAs to explain their work. You can also seek help with the lab from your TA throughout the week. Labs assigned at the beginning of a week must be shown to TAs by Saturday 7p.m. of that week. You are encouraged, but not required, to work on the lab during your assigned lab period.

References

The following textbooks are not required, but you may find them useful as additional references.

- S. Skiena, The Algorithm Design Manual
- C. King, C Programming: A Modern Approach