

# 122COM: Introduction to Algorithms

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2016

# Overview

## 1 Module structure

- 1 GUIs
- 2 Using databases
- 3 C++ intro
- 4 Searching
- 5 Data structures
- 6 Profiling and complexity
- 7 Sorting
- 8 Nifty algorithms
- 9 Classes and linking

# Evaluation

10 credit module. Full coursework evaluation

- MCQ Week 5/6 (20%)
- MCQ Week 10/11 (20%)
- ALL project (60%)

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  - Stack and Heap.
- Understand data structures.
  - Stack.
  - Queue.
  - Array.
  - Vector.

Going to be using TopHat during the lectures.

- Mini MCQs.
- <https://tophat.com>
- Make sure to register by next week.
  - Join code 094769.
- Install the app on your smart device.

# The End