

# 122COM: Introduction to Algorithms

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# 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.

- MCQ Week 5
- MCQ Week 10
- ALL project

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

# TopHat

Going to be using TopHat during the lectures.

- Registers.
- Mini MCQs.

# The End