

**Course content:** Algorithm analysis, recurrences, greedy algorithms, tree structures, graph algorithms, priority queues, hash tables, **and more!**

**Lecturer:** Prof. Brendan McKay  
Room N336, CSIT building.

Some lectures will be given by Dr. Billy Duckworth.

**Textbook:** Introduction to algorithms. T. H. Cormen, C. E. Leiserson, R. L. Rivest and C. Stein. The MIT Press, 2nd Edition, 2004 or later.

- There will be approximately 30 lectures. Since there are 39 lecture slots, some slots will be unused. Details will be announced in the lectures, in the forum, and on the web page.
- There will be three combined tute-labs, in weeks 5, 7, 9, 11. They will be 2 hours long and conducted partly in tutorial style and partly in lab style. Registration is not yet open.

## Assignments

There will be two assignments. The first assignment, worth 40% of the assignment total, will be on paper only. The second assignment, worth 60%, will involve programming.

COMP6466 students will have an additional question in each of the assignments. In addition, COMP6466 students may be held to a higher standard.

## Assessment

Assessment consists of

- Assignments worth 40% of the total.
- A final exam worth 60% of the total.

In order to pass the course, you need a weighted total of 50% and you also need at least 40% for the assignments and 40% for the exam. (This implies in particular that you cannot miss the second assignment unless you get full marks on the first assignment.)

## Other things

### Discussion forums:

`comp3600.announcements` – for official announcements

`comp3600.talk` – for your discussions

As always, some things are not allowed in the forums, such as posting of assignment solutions.