

COMP2012/G52LAC Revision Notes Spring 2019

What is examinable?

The short answer is: everything that was covered in the lectures. In more detail, this means the lectures themselves, all the slides, and the sections of the typeset lecture notes referred to from the lectures. This is all detailed in the lecture overview:

<http://www.cs.nott.ac.uk/~psznhn/COMP2012/#lectures>

In particular, sections 1–4, 6–8, 10–13 of the typeset lecture notes are all examinable. Sections 5 (on minimization of DFAs) and 9 (on PDAs) are not examinable (but might be of interest, which is one reason we did not delete them).

There are also references to books [ASU86, HMU3, HU79, Lin6]. They are there to help by giving complementary explanations, a different perspective, more depth, or just for reference. Thus hopefully helpful, but the content there is not examinable beyond what was outlined above.

How to revise for the exam?

As to revising for the exam, we suggest reading the typeset lecture notes, referring to slides/your own lecture notes/other lecture material as you go along for an additional perspective, and try out the exercises in the lecture notes along with reviewing the coursework and the provided model solutions.

Once you have done that, try one of the two exams for which model solutions are provided to check your understanding:

<http://www.cs.nott.ac.uk/~psznhn/COMP2012/#examination>

Note that the exams are available in two versions, with and without model answers, to facilitate this.

Then revise what you did not fully understand and try the second exam. And then you'll be very well prepared indeed!