

# Exam Specifications

The exam takes place in **SEP 2.306** on Wednesday, 13 February at 10:00 sharp.

## Structure

1. Lecture material (33% — count 30 minutes)
2. Seminar material (67% — count 60 minutes)
  - (a) Lecture exam formatting (15%, or 10.05% of the full exam)
  - (b) Open questions (20%, or 13.4% of the full exam)
  - (c) Getting help assignment (15%, or 10.05% of the full exam)
  - (d) Document assignment (50%, or 33.5% of the full exam)

## Specification

### Lecture Material

The lecture exam usually offers a choice of questions. Please read carefully exactly how many questions you are expected to answer. The questions are based on the lectures themselves but may also concern readings set for them, particularly where it concerns primary literature and/or in cases where the content of these readings is discussed in the lecture. Count 30 minutes for this assignment.

### Seminar Material

#### Exam Formatting

For 15 percent of your seminar exam score, you'll be asked to produce your answers to the lecture exam in a format learned in the seminar course (either  $\text{\LaTeX}$  or Pandoc Markdown; you'll learn which during the exam), with a few specifications for font and other formatting. If the lecture questions require you to produce formatting you are unable to reproduce in Markdown or  $\text{\LaTeX}$  on short notice (e.g. graphs or trees), you will be allowed to produce these answers on paper (supplied by the instructor); the instructor will then scan or photograph your answer and upload it to `~/exam/`, at which point you'll be asked to incorporate the image file into your answers file.

#### Open Questions

These questions will ask about aspects of the software environments we have learned to use and strategies for solving certain problems.

**Getting Help Assignment**

This assignment will ask you to demonstrate how you would go about getting help with a specific question on one of the scripting environments we have learned in the course.

**Document Assignment**

This assignment will ask you to produce a document in one of the formats we have learned, with specific requirements as to the contents and formatting. The document format will be one of the following (you'll learn which during the exam):

- L<sup>A</sup>T<sub>E</sub>X (with bibl<sub>a</sub>tex bibliography);
- L<sup>A</sup>T<sub>E</sub>X beamer class (with bibl<sub>a</sub>tex bibliography);
- Pandoc Markdown (with bibl<sub>a</sub>tex bibliography);
- Pandoc Markdown beamer class (with bibl<sub>a</sub>tex bibliography);

Please note that your personal directories on the server will be wiped clean ahead of the exam to ensure your exam documents are not adaptations of existing homework assignments. (Your files will be stored in a secure location and you can ask to receive them back afterwards.)