

Instructions for Writing a CS 222 Paper

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Short papers are part of the course requirements for CPSC 222 (*Introduction to Concurrent and Distributed Programming*) in Winter 2017. Here are requirements for the paper.

Paper structure

The following is only strongly suggested, not mandatory.

The first paragraph should approximately restate the title page.

This paper was written by David Casperson as part of the requirements of CPSC 222 (Introduction to Concurrent and Distributed Programming) in Winter 2017. It is an essay on self-referentiality.

The second paragraph should connect the topic of the paper to the CPSC 222 course.

Deadlock is a well-studied phenomenon in concurrent program, and can occur, for instance, when Thread A is waiting for Thread B and Thread B is waiting for Thread C, but Thread C is waiting for Thread A. What happens if you are waiting for yourself? In this paper we explore the idea of procrastination as a form of self-referential deadlock.

The third paragraph should introduce and outline the rest of the paper.

First we explore self-referential deadlock. We then analyse the problem of self-referential mutual exclusion: what happens if

you don't want to belong to any club that would admit you as a member? Finally we consider self-referentiality in the context of concurrent recursive paper writing.

The second last paragraph should outline the resources that you consulted in constructing your paper, and

The last paragraph should suggest places for the reader to find further information, if interested.

Format

Title page

Each paper must have a title page, containing somewhere on it:

- the title of the paper,
- the course and semester for which it was produced,
- the author of the paper, and
- the date (on which it was most recently revised).

The title page must be a separate page.

Page numbering

Every page except for the title page should be numbered.

Font, spacing, and line length

Use wide margins. This instruction has 1.5 inch margins on the left and right, giving a 5.5 inch line. Use a 12 point font for the main body. If you can use a serifed font, like Palatino or Garamond.

Line spacing can be either single spacing or $1\frac{1}{2}$ spacing. Double spacing is not required (even discouraged).

Paper length

Papers can be quite short as long as they are informative and well-structured. Aim for between two and five pages excluding the title page.