

# CSU34011 Symbolic Programming

Semester 1, 2020

This describes what I know as of 25 September 2020, and is subject to change.

**Schedule** A huge effort was made to schedule face-to-face meetings (three out of the 11 weeks), and there is still talk of these going ahead online. But for now, let us speak only about the regularly scheduled sessions to be held via Blackboard Collaborate Ultra, each lasting up to one hour.

|         |      |         |                  |
|---------|------|---------|------------------|
| Monday  | 1 pm | Lecture | (recorded)       |
|         | 4 pm | Lab     | for surnames A-L |
| Tuesday | 9 am | Lecture | (recorded)       |
|         | 2 pm | Lab     | for surnames M-Z |

Lectures will largely follow *Learn Prolog Now* (LPN) by Patrick Blackburn, Johan Bos and Kristina Striegnitz. This will be supplemented with some slides on finite automata and models (at opposite sides of the procedural/declarative divide that runs through this module).

Labs can be done using [swish.swi-prolog.org](http://swish.swi-prolog.org), SWI-Prolog for SHaring. The idea is that you attend at most one of the 2 scheduled lab hours (depending on your surname), when a demonstrator will be available online.<sup>1</sup> The hour is there to reinforce material covered at the Monday lecture through the Practical Session(s) from LPN and/or other coursework (discussed that Monday).

**Assessment** 70% 2-hour take-home exam (in January) + 30% coursework consisting of 2 or 3 homeworks, due about a week after they are handed out.

For module materials and announcements, keep an eye on

[www.scss.tcd.ie/Tim.Fernando/LPN](http://www.scss.tcd.ie/Tim.Fernando/LPN)

which, along with Blackboard, will be updated during the semester.

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