http://www.pascal-hitzler.de/teaching/f14/index.html

Or go to http://www.pascal-hitzler.de and follow the link near the bottom of the page to the lecture.

Assistants:
  Abtin Jalaee, jalaee.2@wright.edu
  David Carral, dcarralma@gmail.com
Distance learning option

- This class has a distance learning option.

- I.e. there will be quite a bit of communication via email. If something slips my attention (e.g., concerning difficulties with the online material) please let me know.

- Homework hand-ins in *hardcopy* in class or to my mailbox in the Computer Science department office. If this is impossible for you, let us know immediately. I will deposit the graded homework with the department secretary for pick-up [let me know if this is a problem].

- *I assume everybody will be physically present for the exams.* Exceptions will be made only in documented cases of emergencies. Exams will be on **Saturdays**: October 4\(^{th}\), November 1\(^{st}\), December 6\(^{th}\) at 9:30am. Location: Health Sciences 116
About the videos

• The videos prepared this semester will likely be reused in subsequent semesters.

• I will therefore attempt to clearly separate the general content (relevant for future semesters) from content which is only relevant for this semester.

• I will usually prompt for questions. Feel free to ask questions any time, though.
Organizational Matters

- Physical class meetings are Tuesdays and Thursdays 9:30am to 10:50am.
- Three class meetings will be canceled (replaced by Saturday exams): details to be announced
- Room: Russ 155
- Assistant open hours/help desk: Thursdays 11am to 1pm, Joshi 399. We have one open hour for starters. Let us know if more or other days/times are required.

For questions:
  - For content questions: ask during the lecture, or go to the open hours of the assistants. If office hours don’t work for you, contact Abtin to make alternative arrangements. As a last resort, send by email and I’ll answer (usually) in class. My email: pascal@pascal-hitzler.de
  - For organizational issues: Preferably use email to David, or if appropriate to me. If you think it’s better to talk in person, come to my office hours.
Organizational Matters

- **Office Hours:** Tuesdays 3:30pm to 4:30pm, Joshi 389. Email contact preferred. Phone will only work by appointment.

- **Textbook (required):**
  Uwe Schöning, Logic for Computer Scientists, Birkhäuser, 2008.

- **Textbook (recommended):**
  I will only take the Tableaux Algorithms from this one.

- **Grading:**
  3 exams, 30% each
  Graded Homework Assignments: 10%
  Exams are on Saturdays, attendance strictly required.
Organizational matters

• We will frequently make exercise sessions for discussing solutions. You will get weekly exercises, to be done at home and graded by us, and discussed afterwards in class.

• Each “hand-in” exercise question counts 4 points.

• Weekly homework will be posted Tuesdays on the course website. They are due one week later (Tuesday) at 9:30am.

• We may (or sometimes may not) give you some or delayed feedback on late hand-ins, but they will not count towards your grade.

• Hand-ins are possible in the following ways:
  – hand to me before class
  – have them put into my mailbox in the department office.
Handing in homework solutions

- Due on the due date before class.
- Homework for the week is available Tuesdays from the class website.
- Which exercise is due when? See the homework sheet.
- Your name on every sheet.
- Answers clearly numbered.
- Easily readable handwriting or typesetting.
- Remove fuzzy margins.
- Staple multiple pages (no paper clips or other methods).
- If typeset using a computer, it is your responsibility that a printout is easy to read. Do not use Word as math content is almost unreadable. If you want to typeset, use of LaTeX is recommended.

- Explain and justify your solutions whenever appropriate.
Doing exercises

• It may be helpful to work in teams (e.g., two people) to discuss the more difficult exercises. However, I expect that, after discussion, each person writes the solution entirely by him/herself.

• If I get two identical or near-identical write-ups, or otherwise two versions which look like one is a copy of the other, both parties will receive zero points.

• And yes, it’s easy to spot this. In fact, if you manage to do a clever copying – one where it’s clear it’s not a copy – then I don’t have a problem with this (because this requires insight into the exercise).
Organizational matters

- I prefer to use a public website: http://www.pascal-hitzler.de/teaching/f14/index.html

- A typeset manuscript which will be updated throughout the semester will be available from the website.
- The manuscript is almost identical to what I write on the whiteboard.

- The manuscript may also contain drafts of future material, taken from previous lectures, which is subject to change [you can ignore this, but you may find it instructive to take a look].

- The manuscript bears a date (first page) and margin notes indicate the dates when which part was covered.
Tentative

We cover Schöning 1.1, 1.2, 1.4, then Ben-Ari 2.6
We cover Schöning 2.1, 2.2, 2.3, then Ben-Ari 5.5

We will also cover basics of Datalog (this comes first), but there is no suitable textbook reference – please refer to the manuscript.