Two Sections

• This class is taught in two sections
  – CRN 11043 Tue & Thur 10:00-11:50  BHB 222
  – CRN 14577 Tue & Thur 14:00-15:50  FAB 40-07

• Each section has a different instructor
  – Tim Sheard. Tue & Thur 10:00-11:50
  – James Hook. Tue & Thur 14:00-15:50
Contact Details:

• Tim Sheard:
  – Office: Fourth Ave Building (FAB) 120-04
  – Telephone: (503) 725-2410
  – Email: sheard@cs.pdx.edu

• James Hook
  – Office: Engineering Building (EB) 502E
  – Office: Fourth Ave Building (FAB) 120-05
  – Telephone: (503) 725-5540, (503) 725-5166
  – Email: hook@cecs.pdx.edu
  – Office Hours: Monday, 3 – 5pm, EB 502E

• CS 311:
  – http://web.cecs.pdx.edu/~sheard/course/CS311/index.html
Teaching assistant:

– Long Mai
– Email mai.t.long88@gmail.com
– Office hours: TBA

• Further arrangements to be made as the class progresses.
Exams

• Midterm:
  – Most probably Tuesday, October 30, 2012

• Final:
  – Tuesday **December 4, 2012, 10:15-12:05** (Sheard)
  – Monday **December 3, 2012, 10:15-12:05** (Hook)
Methods of assessment:

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (15 min, weeks 3 &amp; 8, closed book)</td>
<td>15%</td>
</tr>
<tr>
<td>Homework (8 weekly homeworks)</td>
<td>40%</td>
</tr>
<tr>
<td>Midterm (most probably Oct 30)</td>
<td>15%</td>
</tr>
<tr>
<td>Final exam (Dec 3 or 4,)</td>
<td>30%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
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</tbody>
</table>
Policies:

• By default, all deadlines are firm.

• We will be as flexible as possible in accommodating special circumstances; but advance notice will make this a lot easier.
Academic Integrity

• We follow the standard PSU guidelines for academic integrity
  Students are expected to be honest in their academic dealings. Dishonesty is dealt with severely.

• Examinations. Notes and such,
  only as the instructor allows.

• Homework.
  – Discussion is good;
  – Items turned in should be your own
  – individual work. You are encouraged
  – to talk to other people about the
  – homework problems, but you must write
  – up your answers independently. If
  – you're stuck with a problem,
  – please ask for help.
Course Text:

• *Discrete Structures, Logic, and Computability*
  
  • *(3rd ed)*
    
    – James L. Hein
    
    – Published by Jones and Bartlett
    
    

• Home page of the text book:
  
It looks like this!
Syllabus

• **Mathematical Preliminaries**
  • (0.5 week, review)

• **Finite Automata and Regular Languages**
  • (3.5 weeks, chapter 11)

• **Pushdown Automata and Context-Free Languages**
  • (2.5 weeks, chapter 12)

• **Turing Machines and Undecidability**
  • (2.5 weeks, chapter 13)
Prerequisites - Self Exam

- Review Readings
  - Sets 1.1, 1.2
  - Strings 1.3.3, 3.1.2, 3.2.2
  - Logic 6.1, 6.2, 6.3, 7.1
  - Proofs 4.4

- You should know this review material