Instructor: Prof. Erik Johansson.
Office: Science Building I, Room 333.
Email: ejohansson@pdx.edu (best method of contact).
Office Hours: Mondays at 4-5 pm, Wednesdays at 1-2 pm. We will schedule one more office hour once the term has started.
Schedule: During this term we will cover Chapters 15 - 19 in the textbook, following the schedule on page 3. Please read each chapter before it is covered in class.
Time: 10:15 am – 11:20 am.
Days: Monday, Wednesday, and Friday.
Where: Ondine 218.

II. GRADE INFORMATION

Exams: There will be two one-hour midterms (100 pts each), three sets of homework (20 pts each) and a two-hour final (200 pts). The final exam will be cumulative. The material to be examined during each midterm and homework is indicated on the schedule.

Homework: Two different types of homework will be assigned:
1. The "one problem per day" problem. I will explain this concept the first day of class.
2. Scored Homework: You can receive the 60 homework points towards your overall grade doing the online homework through Sapling. Deadlines for these assignments will not be extended. If you miss a deadline, you may still complete the assignment but you can only earn part of the total credit, as a function of how late the assignment is completed. Your overall homework score will be based upon a 60 point maximum. You will receive maximum credit if you score at least 80% of the overall total available points. You will have access to each assignment one week before the due date. The deadlines for the assignments will be the day of, at 11:59 PM.

General Info: You are responsible for all information given during class times and on D2L. This includes homework assignments and any special announcements or schedule changes.

Grading: There will be a total of 460 points possible for this class (60 points for homework, 200 points for the midterms and 200 points for the final). Your grade will be assigned based on your total points scored in the class.

Success: Success in this class is achieved the same way as in most other classes; that is: by studying hard, solving problems, and asking questions during office hours and in class. Consider this statement by Thomas A. Edison: Genius is one percent inspiration, ninety-nine percent perspiration.

III. POLICIES

1. Missing an exam:
It is expected that you take all exams on the day that they are scheduled. Exceptions will be made on a case-by-case basis with my approval. Failure to notify me of the reason for an absence, as well as unacceptable excuses, will result in a score of zero for that exam. All exams must be made up before the exams are passed back in class.

a) Missing an exam due to an unforeseeable event:
If you miss an exam due to an event I consider unforeseeable, please contact me within 24 hours of the exam date. I will allow you to reschedule your exam only if your absence is excused by me. If you miss the exam due to illness please bring a doctor’s note.
b) **Missing an exam due to a foreseeable event:**
   If you miss an exam due to a foreseeable event you must contact me no later than 7 days ahead of the exam date for the excuse to be considered. I will allow you to reschedule your exam only if, after consideration, your absence is excused by me.

2. **Professional Demeanor:**
   It is expected that you will act with professional demeanor and attitude at all times. This includes, but is not limited to, being respectful at all times to the instructor and to your colleagues. It also expected that you refrain from excessive talking and completely refrain from cell phone use during class.

3. **Regrading:**
   Mistakes are sometimes made while grading exams; the good news is that they are usually addition errors, which I will happily fix. If you believe there has been a serious mistake on grading your exam you may ask me, in writing, to re-grade the exam up to one week after the exam was returned. If you turn in an exam to be re-graded, I reserve the right to re-grade the entire exam.

4. **Academic dishonesty:**
   I expect that the work you do in this course is your own. Academic dishonesty, which includes a variety of actions, will not be tolerated. Cheating during any examination will be reported and the student(s) will receive an F for the exam. Portland State University rules on academic dishonesty apply.

5. **Accommodation:**
   If you have a physical or learning disability and you need extra accommodation, please be certain you are registered with Disability Services and make appropriate arrangements with me. Exams taken outside of the classroom must be taken at the same day and time as the classroom exams.

   **Disclaimer**: As the instructor of this course, I reserve the right to change the tentative schedule of topics, number and length of examinations, point distribution, course requirements, and percentages required for letter grades in order to better facilitate the learning process.

Syllabus on next page
# IV. SYLLABUS

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Date</th>
<th>Weekly topics</th>
<th>Homework and tests</th>
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<tbody>
<tr>
<td><strong>Week 1</strong>&lt;br&gt;Sept. 30&lt;sup&gt;th&lt;/sup&gt; – Oct. 4&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: Chapter 15&lt;br&gt;Wednesday: Chapter 15&lt;br&gt;<strong>Friday:</strong> Chapter 15, HOMEWORK 1 posted</td>
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<td><strong>Week 2</strong>&lt;br&gt;Oct. 7&lt;sup&gt;th&lt;/sup&gt; – 11&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: Chapter 15&lt;br&gt;<strong>Wednesday:</strong> Chapter 15&lt;br&gt;<strong>Friday:</strong> Chapter 15, HOMEWORK 1 DUE</td>
<td>HW 1 due</td>
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<td><strong>Week 3</strong>&lt;br&gt;Oct. 14&lt;sup&gt;th&lt;/sup&gt; – 18&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: Chapter 16&lt;br&gt;<strong>Wednesday:</strong> Chapter 16&lt;br&gt;<strong>Friday:</strong> Chapter 16</td>
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<td><strong>Week 4</strong>&lt;br&gt;Oct. 21&lt;sup&gt;st&lt;/sup&gt; – 25&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: <strong>Midterm 1</strong>&lt;br&gt;<strong>Wednesday:</strong> Chapter 16&lt;br&gt;<strong>Friday:</strong> Chapter 16, HOMEWORK 2 posted</td>
<td>Midterm 1</td>
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<td><strong>Week 5</strong>&lt;br&gt;Oct. 28&lt;sup&gt;th&lt;/sup&gt; – Nov. 1&lt;sup&gt;st&lt;/sup&gt;</td>
<td>Monday: Chapter 16&lt;br&gt;<strong>Wednesday:</strong> Chapter 17&lt;br&gt;<strong>Friday:</strong> Chapter 17, HOMEWORK 2 DUE</td>
<td>HW 2 due</td>
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<td><strong>Week 6</strong>&lt;br&gt;Nov. 4&lt;sup&gt;th&lt;/sup&gt; – 8&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: Chapter 17&lt;br&gt;<strong>Wednesday:</strong> Chapter 17&lt;br&gt;<strong>Friday:</strong> <strong>Midterm 2</strong></td>
<td>Midterm 2</td>
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<td><strong>Week 7</strong>&lt;br&gt;Nov. 11&lt;sup&gt;th&lt;/sup&gt; – 15&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: <strong>University holiday</strong>&lt;br&gt;<strong>Wednesday:</strong> Chapter 18&lt;br&gt;<strong>Friday:</strong> Chapter 18, HOMEWORK 3 posted</td>
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<td><strong>Week 8</strong>&lt;br&gt;Nov. 18&lt;sup&gt;th&lt;/sup&gt; – 22&lt;sup&gt;nd&lt;/sup&gt;</td>
<td>Monday: <strong>University holiday</strong>&lt;br&gt;<strong>Wednesday:</strong> Chapter 18&lt;br&gt;<strong>Friday:</strong> Chapter 18, HOMEWORK 3 DUE</td>
<td>HW 3 due</td>
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<td><strong>Week 9</strong>&lt;br&gt;Nov. 25&lt;sup&gt;th&lt;/sup&gt; – 29&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Monday: Chapter 19&lt;br&gt;<strong>Wednesday:</strong> Chapter 19&lt;br&gt;<strong>Friday:</strong> <strong>University holiday</strong></td>
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<td><strong>Week 10</strong>&lt;br&gt;Dec. 1&lt;sup&gt;st&lt;/sup&gt; – 6&lt;sup&gt;th&lt;/sup&gt;</td>
<td><em>All week:</em> Review key concepts, focus on problem solving</td>
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<td><strong>Finals week</strong>&lt;br&gt;Dec. 9&lt;sup&gt;th&lt;/sup&gt; – 13&lt;sup&gt;th&lt;/sup&gt;</td>
<td><strong>Wednesday Dec. 11&lt;sup&gt;th&lt;/sup&gt; 10.15 am – 12.05 pm</strong></td>
<td>Final</td>
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