ECE15 – Engineering Computation – Fall 2016

Whee(n/re)  Class  PCYN 122  TTh 8:00–9:20
           Center 212  TTh 2:00–3:20
Discussion  SEQUO 174  M, W 3–3:50; M 4–4:50
           WLH 2207  M, W, F 3–3:50
Lab        Jacobs 4307  M 8-10, 5-6:30, T 8-2, 4-7, W 8-12, 6-8, Th 8-2, F 8-10
Instructor Alon Orlitsky Atk 4109  M 2-3

TA’s  Hanna Chou, Venkatesh Elango, Shengyao Guo, David Hall

Grading  30%  Weekly homework sets, worst omitted
           5%  Zybook online exercises (see textbook below)
           20-30%  Midterm, Th 11/1 or 3
           35-45%  Final, ideally one of Tu 8–11 or Th 3–6
Midterm / final weight chosen to maximize your score

Homework  Homework is crucial to understanding the material. Please take it seriously.
           Up to 4 problems will be assigned weekly except before the midterm and final.
           Please upload your solutions online by 5pm the following Thursday. You may
           generally discuss the homework with others, but do not look at anyone else’s
           code, nor show them yours.

Regrades  Regrade requests must be submitted with explanation in writing within two
           weeks from the day the grade was assigned.

Websites  HW’s, solutions, announcements: http://ece15.info
           Discussions: http://piazza.com/ucsd/fall2016/ece15
           Grades: http://tritoned.ucsd.edu

Feedback  Send all email correspondence to ecefifteen@gmail.com.

Textbooks  Required: Programming in C with ZyLabs, http://zybooks.com
           Enter code: UCSDECE15OrlitskyFall2016

           For 3rd Ed. just increment chapter by one (e.g. 2 becomes 3) pages are essentially the same.

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Topics</th>
<th>Chapter: Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>introduction, first program, compiling</td>
<td>2: 11-19</td>
</tr>
<tr>
<td>2</td>
<td>variables, types, input, output</td>
<td>3: 21-30, 15: 345-362</td>
</tr>
<tr>
<td>3</td>
<td>math: operations, expressions, logic</td>
<td>3: 30-39</td>
</tr>
<tr>
<td>5</td>
<td>algorithms: numbers, functions, iterations</td>
<td>review</td>
</tr>
<tr>
<td>7</td>
<td>functions, scope, modular design</td>
<td>7: 119-158</td>
</tr>
<tr>
<td>8</td>
<td>pointers, dynamic memory allocation</td>
<td>10: 233-274</td>
</tr>
</tbody>
</table>