Computer Science 4000
Ethical and Professional Issues in Computer Science
Spring 2016

Meeting Time: 4:00-4:50 P.M., Monday
Meeting Location: Austin 302
URL: http://www.cs.ecu.edu/~rws/c4000/

Instructor: Dr. Ronnie W. Smith  Email: rws@cs.ecu.edu
Office: Sci-Tech C-117  Phone: 328-9687
Office Hours: Mondays 10:00 – 11:30 A.M. and 2:30 – 3:30 P.M.
Wedgesdays 10:00 – 11:30 A.M.
Fridays 8:15 – 8:45 A.M. and 12:15 – 12:45 P.M.
(or by appointment)

Course Goals
1. To be able to explain the impact on individuals, organizations and society of the application of ethical principles and quality leadership to technical problems from a computational perspective.
2. To be able to describe the local and global impact of computing on organizations and society.

Prerequisite
To be taken by CSCI seniors in final semester.

Text (required)

Evaluation Criteria
Assignments and Class Participation - 20%
Two Exams - 80%
First exam on Ethical Issues (February 29)
Second exam on Social Issues (April 18)
ETS Major Field Exam – required for passing the course, tentatively scheduled for last class meeting, April 25, room TBA, time 4:00 – 6:30 P.M. (alternative, final exam time May 4, 2:00 – 4:30 P.M.)
Undergraduate Student Exit Survey – required for passing the course

Grading Scale
An absolute grading scale has not been set, but you can be assured of at least the following:
Final Average (x)  Grade will be at least
x≥90  A-
80≤x<90  B-
73≤x<80  C

I continually review how to properly incorporate +/- modifiers in a fashion consistent with the purposes of the course and the qualitative descriptions for grades (see undergraduate catalog).
### Topic Schedule

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<th>Reading Assignment/Topic</th>
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<td>Course Introduction</td>
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<td>1/25</td>
<td>Chapter 1: Introduction to Computer Ethics</td>
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<td>Chapter 2: Computer Crime and Security</td>
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<td>Chapter 3: Privacy and Anonymity</td>
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<td>Chapter 5: Computer Reliability</td>
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<td><strong>First Midterm</strong></td>
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<td>3/14</td>
<td>Chapters 6 and 7: Intelligent machines/ Business</td>
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<td>3/21</td>
<td>Chapters 8 and 9: Health/Education</td>
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<td>Chapter 11 and Appendix A: Politics/ACM Code of Ethics</td>
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<td>4/4</td>
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<tr>
<td>4/11</td>
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<td>4/18</td>
<td><strong>Second Midterm</strong></td>
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<td>4/25</td>
<td><strong>ETS Major Field Test</strong> (4:00 – 6:30 P.M.)</td>
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### Late Work

No late assignments will be accepted without an official excused absence. Assignments are due at the start of class unless otherwise noted. A dean's excuse or student health excuse is required for an absence to be considered excused.

### Class Attendance

Attendance is mandatory and will be checked. Each unexcused absence will adversely affect your class participation grade.

If you are more than 5 minutes late and it is unexcused, your tardiness will be counted as an unexcused absence.

A dean's excuse or student health excuse is required for an absence to be considered excused.

### Virtual Office Hours

Besides physical office hours noted on the previous page, virtual office hours are available on an ad hoc basis. This refers to times during the week when I will try to answer student emails. My policy for answering emails will be the following.

- First priority during physical office hours will be visitors and phone calls. Secondary priority will be answering emails.
- On weekday evenings, I will normally try to look at email at some point after 9:00 P.M.
- On weekends, I will normally try to look at email at some point on Sunday afternoons after 2:00.
- You should not rely on me answering emails quickly at other times, though I will sometimes be able and willing to do that.

### University Mandated Syllabus Information

The university requests that we include information in each syllabus on retention requirements, student conduct, weather emergencies, and ADA compliance. This information is available on a separate page provided in the online syllabus at the course web site.