**Computer Science 392 – Seminar in Computing and Society**

**Spring 2020 - Syllabus**

***Instructor:*** RoxAnn H. Stalvey   ***E-mail:*** [stalveyr@cofc.edu](mailto:stalveyr@cofc.edu) ***Office:*** HWEA 330

***Class website:***lms.cofc.edu (OAKS)

***Class Meeting Times:***

|  |  |  |
| --- | --- | --- |
| **Section 1** | **Both Sections** | **Section 2** |
| Mondays 3:00 – 4:15 SSMB 129 | Mondays 4:15 – 5:30 SSMB 129 | Wednesdays 4:15 – 5:20 HWEA 302 |

***Required Text:*** None. Readings will come from publications, blogs, etc.

***Course Description***:

A seminar course to prepare majors for careers in CS by discussing and studying professional, ethical, legal, and social issues and responsibilities in computing. Local and global impact of computing on individuals, organizations, and society will also be addressed. Oral presentations and written work will be required.  
Prerequisite(s): CSCI 221 with a grade of C- or better

***Learning Outcomes:***

1. Recall major theories of ethics.

2. Explain professional, ethical, legal, and social issues and responsibilities in computing.

3. Explain the importance of security and privacy in computing.

4. Analyze the impact of computing on individuals and society.

5. Explain the need for engaging in continuous professional development.

6. Make oral presentations on assigned ethical, legal and social issues.

7. Write a term paper on an ethical, legal, or social issue.

***Course Details:***

1. Disability Accommodation: Any student who feels that he or she may need an accommodation because of a disability should contact me individually to discuss your specific needs. Please contact the College of Charleston, Center for Disability Services http://www.cofc.edu/~cds/ for additional help.

2. Attendance: Attendance at all classes is mandatory. Role is taken at the beginning of class. Please be punctual. Regardless of your actual attendance, you are responsible for announcements made in class, assignments, etc.

3. Software Engineering Ethics Reading: We will have assigned readings/hw out of class and in-class discussions related to ethical issues and technology development. You should read and complete the Software Engineering Ethics assignment available on OAKs and be prepared for class discussion.

4. Speaker Series: Each Monday from 4:15 – 5:30 pm in SSMB 129, we will have a speaker attend to discuss their research/career field. During these presentations, both sections of CSCI 392 will be present as well as other attendees.

5. Student Presentations: Student presentations will be on Mondays 3:00 – 4:15 (Section 1) and Wednesdays 4:15 – 5:30 (Section 2). Students will choose a topic from a list of topics secured from the research speakers. Students should incorporate social, legal or ethical considerations relevant to the topic in their presentations. The presentations should include engaging slides and last for 15 minutes followed by 5 minutes of Q & A.

6. Evaluations: After each student presentation, audience members will grade the presenter and provide constructive feedback on ideas for improving future presentations.

7. Final Paper:

*Due Date*: Friday, April 24, 2020, 11:59 PM

*Late Submissions:* 5% will be deducted for each day late up to two days. No submissions will be accepted after Sunday, April 26, 2019, 11:59 pm.

*Details:* The topic for the final paper should be based on the topic selected for your student presentation. Each student will write a 3-page paper, IEEE format. An Extended Abstract Template from IEEE is on OAKS for an example of the format.

8. Participation: Over the course of the semester, students are expected to ask five meaningful questions of the speakers. A student, who asks a meaningful question, should write their name, date, presenter’s name, and question on a notecard and return it to me. These will be used to determine participation grades. A student can get credit for only one question during a given part of a day.

9. Plagiarism: If I have evidence that students have plagiarized, the grade will be zero on the relevant assignment. Offenders may be taken before the Honor Board. Note that the Honor Board may give a grade of XF (Fail because of an honor violation) that will remain on your permanent record. Students are expected to abide by the Honor System of the College of Charleston and the Student Code of Conduct (www.cofc.edu/student-life/handbook/), especially sections on Cheating, Plagiarism (pp. 10-11), and Computer Use (p. 13).

***Final Grade Computation:***

**Attendance** - 10% of final grade:

100: 0 absences · 70: 1 absence · 30: 2 absences · 0: 3+ absences

**Software Engineering Ethics Discussion and HW** - 15% of final grade.

See bullet 3 above.

**Resume Review** – 5% of final grade

Drop-in at Career Center: Monday – Friday 2:00 – 4:00; or get feedback from your CS Department advisor

**Attend BizBash/Career Fair** – 5% of final grade

**Presentation** - 20% of final grade:

See rubric on OAKS.

**Evaluations** – 10% of final grade

100: All students · 80: [20-all) · 60: [15-19] · 40: [10 – 14] · 20: [5 – 9] · 0: [0 – 4]

**Paper** - 15% of final grade:

See rubric on OAKS.

**Participation** - 20% of final grade

100: 5 questions · 80: 4 questions · 60: 3 questions · 40: 2 questions · 20: 1 question · 0: 0 questions

***Grading Scale:***

A: 93–100 · A-: 90–92 · B+: 87–89 · B: 83–86 · B-: 80–82 · C+: 77–79 · C: 73–76 · C-: 70–72; D: 60 – 69:

F: 59 and lower

***Electronic Devices:***

No electronic devices are permitted to be used during presentations by anyone other than the presenter. Use of computers during presentations will count as an absence for the day.

***Important Dates:***

Monday, January 20 – MLK holiday

Thursday, February 13 – Career Fair/Biz Bash

Friday, April 24 – Final paper due