

Instructor:

Dr. Jim Bowring: <http://www.cs.cofc.edu/~bowring/>

Office: J.C. Long (LONG) 222

Tel: 843.953.0805

Google Voice: 843.608.1399

Google Chat: bowring@gmail.com

E-mail: Please use BowringJ@cofc.edu with SUBJECT = "CSCI392"

Office hours: MTWR: 9:00 – 11:00 AM or by appointment

Class place and time:

Classroom: JC LONG 221 Time: MW 3:20 – 4:35 PM

Catalog description:

CSCI 392 - 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: CSCI 221 – Computer Programming II

Required text:

[*Baase – A Gift of Fire \(3rd Edition\)*](#)

Publisher: Prentice-Hall. ISBN: 978-0-13-600848-4

Electronic Resources:

- 1) Class website: [www.cs.cofc.edu/~bowring/classes/csci 392/spring 2010/csci-392-spring-2010.html](http://www.cs.cofc.edu/~bowring/classes/csci%20392/spring%202010/csci-392-spring-2010.html)
- 2) Software Engineering Body of Knowledge ([SWEBOK](#))
- 3) [Google Scholar](#); Google Documents: <http://docs.google.com> ;
- 4) The College of Charleston [Libraries](#) supply free full access to a wide range of electronic resources, including the [ACM Digital library](#) and the [IEEE Computer Society Journals](#).
- 5) CofC: [Career Center](#), [Cistern Online](#), [Center for Student Learning](#)

Learning Objectives:

The principal objective of this course is to prepare you for your career as a computing professional by exploring professional, ethical, legal, social issues and personal and social responsibilities in computing . In addition, the course will focus on the importance of security and privacy in computing and on understanding the need for engaging in continuous professional development. Each student will both write and speak publicly about various topics.

Professional Development:

I highly recommend that you join either the Association for Computing Machinery ([ACM](#) = \$19 for a student) or the Institute of Electrical and Electronics Engineers (IEEE) [Computer Society](#). Both offer student memberships. We have a College of Charleston [student chapter of the ACM](#), which you are encouraged to join and attend. In your professional career as a computing professional, your employers will likely expect you to maintain one or the other of these memberships.

Attendance, class participation, and oral presentations:

Your active participation will lead to your success and to the success of the class. I expect you in class on time and well-prepared by having read the assigned readings and prepared your presentations and assignments when applicable.

Homework and assignment policy:

All assignments are due by noon on the day specified. I will also specify how you must name and submit each assignment. Unless stated otherwise, all assignments must be a single file in PDF format and submitted to me via E-mail at BowringJ@cofc.edu with the subject line "CSCI392." Each assignment must be professional in appearance with your full name and other pertinent identifying information embedded in the document.

Term paper:

Each student will research, write, and present a major term paper on a subject related to the course material, pending my approval. I will provide details during the semester. The presentations are scheduled for the final on May 1, noon – 3.

Disabilities:

If you have a documented disability and approval to receive accommodations through [SNAP Services](#), please contact me during my office hours or by appointment.

Student Conduct:

I expect you to abide by [The College of Charleston Student Handbook](#), which includes sections on conduct and the Honor Code. If you have a question about how to interpret the Honor Code, ask before acting! I encourage collaboration on assignments and projects, but you must document the collaboration with the names of your collaborators on the assignment.

Grading scale:

100-92 (A); 91-80 (B); 79-70 (C); 69 and below (F)

Evaluation schedule:

70%	Class preparation and participation including oral presentations
30%	Term Paper