Computer Science 3202
Software Requirements and Specifications
Fall 2017 Syllabus

1 General Information

Class Time: 9:00 - 10:15 TR
Class Location: Dale Hall 0218
Prerequisites: CS 2413 and CS 2813 or Math 2513

Required Materials:

Instructor and Office Hours: Rafał Jabrzemski
Office: DEH 235
Hours: Wednesday and Thursday: 3:00pm-4:30pm
E-mail: rjabrzemski@ou.edu
And by appointment

TA: Brian Neldon

ABET/CAC Outcomes to be met by CS 3202

Outcome B: An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution
Outcome D: An ability to function effectively on teams to accomplish a common goal
Outcome E: An understanding of professional, ethical, legal, security, and social issues and responsibilities
Outcome F: An ability to communicate effectively with a range of audiences
Outcome G: An ability to analyze the local and global impact of computing on individuals, organizations, and society
Outcome H: Recognition of the need for an ability to engage in continuing professional development

1.1 Important Dates

First Day of Class: Tuesday, Aug 22
Final Exam Prep Week: Dec 4 - 10
Final Exam: Wednesday, Dec 15, 8:00am - 10:00am

2 Course Policies

2.1 Class Attendance

Class attendance is important because we will discuss/clarify concepts and examples that are may not be in the text book. You are responsible for everything that is announced in class, independent of whether you choose to attend or not. In class students may be required to work in small groups. Additionally, graded quizzes or group work will be given in class. Students who do not attend will not get credit for quizzes or group assignments.
If circumstances arise that prevent attendance students should contact the instructor as soon as possible before class meets to arrange, if possible, an alternative to any in-class assignment.

2.2 Class Home Page

This class will use Canvas software for our home page. The URL for the home page is http://canvas.ou.edu. Login with your 4+4 using your standard OU password. If you have difficulty logging in, call 325-HELP. This software provides a number of useful features, including a list of assignments and announcements, an electronic mailing list, newsgroups, and grade book. I will use this web site for all updates. You should check the site regularly.

2.3 Class Email Alias

Urgent announcements will be sent through email. It is your responsibility to:

- Regular read your university supplied e-mail or have it forwarded to a location where you do regularly read e-mail. I’ll send out a test message during the first week of class. If you do not receive this message, it is your responsibility to get the problem resolved.

- Have your email program set up so that replying to your email will work correctly. You can send email to yourself and reply to yourself to test this. If you need assistance in accomplishing any of these tasks, contact 325-HELP. You are responsible for reading emails within 24 hours.

2.4 Final Examination

Per University policy the final examination is comprehensive.

2.5 Academic Misconduct

All work submitted for an individual grade, such as quizzes, should be the work of that single individual: not their friends or tutor.

- Do not show another student a copy of your homework or projects before the submission deadline. The penalties for permitting your work to be copied are the same as the penalties for copying someone else’s work.

- If you choose to do your work on your computer, make sure that your computer account is properly protected. Use a good password, and do not give your friends access to your account or your computer system. Do not leave printouts, or thumb drives around a laboratory where others might access them.

- Upon the first documented occurrence of collaborative work, I will report the academic misconduct to the Campus Judicial Coordinator. The procedure to be followed is documented in the University of Oklahoma Academic Misconduct Code (http://studentconduct.ou.edu/images/stories/student\_codebook20092010.pdf). In the unlikely event that I elect to admonish the student, the appeals process is described in http://www.ou.edu/provost/integrity-rights/.

2.6 Accommodation of Disabilities

The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located at 730 College Ave, phone 405/325-3852 or TDD only 405/325-4173.
2.7 Adjustments for Pregnancy/Childbirth Related Issues

Should you need modifications or adjustments to your course requirements because of documented pregnancy-related or childbirth-related issues, please contact me as soon as possible to discuss. Generally, modifications will be made where medically necessary and similar in scope to accommodations based on temporary disability. Please see http://www.ou.edu/content/eoo/pregnancyfaqs.html for commonly asked questions.

2.8 Title IX Resources

For any concerns regarding gender-based discrimination, sexual harassment, sexual misconduct, stalking, or intimate partner violence, the University offers a variety of resources, including advocates on-call 24/7, counseling services, mutual no contact orders, scheduling adjustments and disciplinary sanctions against the perpetrator. Please contact the Sexual Assault Response Team 405-615-0013 (24/7) to learn more or to report an incident.

2.9 Religious Holidays

It is the policy of the University to excuse absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and additional required class work that may fall on religious holidays.

2.10 Use of Evaluations

The College of Engineering utilizes student ratings as one of the bases for evaluating the teaching effectiveness of each of its faculty members. The results of these forms are important data used in the process of awarding tenure, making promotions, and giving salary increases. In addition, the faculty uses these forms to improve their own teaching effectiveness. The original request for the use of these forms came from students, and it is students who eventually benefit most from their use. Please take this task seriously and respond as honestly and precisely as possible, both to the machine-scored items and to the open-ended questions.

3 Course Coverage and Procedures

3.1 Teamwork Issues

The workloads of teams are expected to be evenly distributed among the members. One will risk losing all or part of the project grade if he does not make a fair contribution.

3.2 Material Covered

Most or all chapters' content in Managing Software Requirements will be covered. Additionally, most or all of Telling Stories will be covered.

3.3 Quizzes & Individual Assignments

To balance the team-based Project activity of the course, and lay the theoretical groundwork for the project assignment there will be individual assignments and regular quizzes given in class during the first part of the course, taken from the lectures and Managing Software Requirements textbook.

3.4 Project

The major activity in the latter part of the course is participation in a project to develop a written requirements document for simulated and/or real clients for a simulated and/or real software application.
3.5 Backup Copies of Projects

It is the students’ responsibility to backup their files appropriately. No extensions to deadlines will be given as a result of lost files, unless there is a massive, network wide problem that affects the entire class. Do not rely on anyone else to backup your important files. Buy a jump drive (or other media) and make backing up your work a routine part of computer usage. Always back up your files at the end of the laboratory session. It is particularly important to save a backup copy of any project that is submitted. This backup version should not be opened or edited after submission in case something goes wrong with the submission system.

4 Evaluation

4.1 Project Grading

Because the project is a team effort a portion of your grade for it will be based on the evaluation of how the team met the projects’ goals as a whole. A portion of your individual grade will also be calculated independent of other team members’ performance/effort, based on student evaluations.

4.2 Canvas Grade Summary

Canvas has a grade book that is used to store the raw data that is used to calculate your course grade. It is the responsibility of each student in this class to check their grades on Canvas after each project or homework is returned. If an error is found, bring the grading document to me, and I will correct it.

4.3 Grading

There are 4 components to the course grade. They are weighted as follows.

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<thead>
<tr>
<th>Component</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Quizzes/Individual Assignments</td>
<td>35</td>
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<tr>
<td>Group Project Assignment(s)</td>
<td>35</td>
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<tr>
<td>Two Presentations</td>
<td>5 each</td>
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<tr>
<td>Draft Project</td>
<td>5</td>
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<tr>
<td>Final Project</td>
<td>15</td>
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<tr>
<td>Peer Review</td>
<td>5</td>
</tr>
<tr>
<td>Midterm</td>
<td>20</td>
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<td>Final Exam</td>
<td>10</td>
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