# Syllabus – CS 4750 Advanced Software Engineering

<table>
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<tr>
<th>Instructor:</th>
<th>Brad Peterson</th>
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| E-Mail - Google Talk: | bradleypeterson@weber.edu  
                              bradpeterson@gmail.com |
| Office Hours:       | Monday, Wednesday 2:30 - 5:30  
                              Other times available by appointment  
                              My office is at room 308 J at the Davis campus. |

## Course Objectives:
This course teaches the architectural and operational implications of open source development and explores its implementation using selected software development methodologies. The course will also focus on test-driven software development and re-engineering practices in a team based environment. Prerequisite: CS 3230 or CS 3280, CS 3750.

In addition to the catalog’s description, I will also focus on the following:
- To gain experience in a larger project, one that spans more than one semester.
- To take knowledge gained in 3750 and apply it with a deeper level of understanding.
- To further gain insights into how to work with a team in a longer project.

## Students with Disabilities:
Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 221 of the Student Services Center here at the Davis Campus. SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary. You can also call 801-395-3524 for more details.

## Allocated Time:
You should anticipate spending two to three hours of study per week for each credit hour of a university course. Computer and programming classes typically require time in the upper range.

## Grading:
Group evaluations: 30%  
Group assignments: 70%

The group evaluation scores are pushed into a formula which I manage. If a zero score is received on the final group eval, this can negate your entire group evaluation score and group assignment score, giving you a non-passing grade for the course.

Groups may also have the option of "firing" a team member. Other members of a team must first notify the instructor first, and then the individual that an official warning has been given. From there, two weeks must be given for the student to improve. Afterward, with the instructors consent, the other members of the team can remove the person from the team. That newly fired student can attempt to persuade other teams to let him or her join in. If no new teams can be found, the student will receive a zero for the group scores on the his or her grade.

## Cheating:
Cheating will not be tolerated under any circumstances. If a student is caught cheating, the student will receive an automatic failure for the course. If it occurs again, the student will be expelled from the program for a period of one semester (not including summer). The third occurrence will result in dismissal from the program.

The WSU Student Code explains:

a. Cheating, which includes but is not limited to:
   i) Copying from another student's test;
   ii) Using materials during a test not authorized by the person giving the test;
   iii) Collaborating with any other person during a test without authorization;
   iv) Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official;
   v) Bribing any other person to obtain any test;
vi) Soliciting or receiving unauthorized information about any test;

vii) Substituting for another student or permitting any other person to substitute for oneself to take a test.

b. Plagiarism, which is the unacknowledged (uncited) use of any other person’s or group’s ideas or work. This includes purchased or borrowed papers;

c. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;

d. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;

e. Giving, selling, or receiving unauthorized course or test information;

f. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;

g. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.

| Letter Grades | A      : 93.3 <= Total |
|              | A-     : 90 <= Total < 93.3% |
|              | B+     : 86.7 <= Total < 90% |
|              | B      : 83.3 <= Total < 86.7% |
|              | B-     : 80 <= Total < 84% |
|              | C+     : 76.7 <= Total < 80% |
|              | C      : 73.3 <= Total < 76.7% |
|              | C-     : 70 <= Total < 73.3% |
|              | D+     : 66.7 <= Total < 70% |
|              | D      : 63.3 <= Total < 66.7% |
|              | D-     : 60 <= Total < 63.3% |
|              | F      : Total < 60% |