CS 3331 Advanced Object-Oriented Programming  
Course Syllabus Spring 2017

Course Time/Location: Thu 5:30 PM – 7:30 PM  
Instructor: Claudia Casas  
Office: CCSB 3.1006  
Phone/e-mail: 747-5894/ ccasas@utep.edu  
Office Hours: MW 3:30 – 4:30 PM / or by appointment  

Supplemental Texts:  
- Design Patterns: Elements of Reusable Object-Oriented Software. Erich Gamma, Richard Helm, Ralph Johnson and John Vlissides (aka, Gang of Four). Addison-Wesley 1994.  

Course Description  
This course is to equip students with advanced design and programming techniques in the object-oriented programming paradigms.

Class Objectives  
- To understand object-oriented design concepts and principles,  
- To acquire skills needed for developing high quality object-oriented programs,  
- To be able to use of object-oriented design notations and support tools such as UML for modeling problem  
- solutions and software systems  
- To be proficient in object-oriented programming environments.

Assignments  
Assigned readings are to be completed before class.

Assignments are to be submitted via blackboard before midnight on the specified due date. Any assignment submitted after midnight will be considered 1 day late with a 10% grade deduction. Assignments that are more than 5 days late will not be accepted and will receive a grade of Zero.

Tests will be closed-book, however, a one single-sided page of hand-written notes may be brought in for the first test, two for the second test, and three for the final. There will be no make up tests (no exceptions). If you leave the classroom for any reason, your test will be graded on only what you did up until that time.

Quizzes will be provided through blackboard every Wednesday at the beginning of class. Quizzes will vary in length ranging from one question to 5 questions. Students will accumulate points for each questions answered correctly. The total points will generate your final quiz grade. For example)  
- Total points for all quiz questions at the end of semester is 30  
- You accumulated 24 points  
- Your final quiz grade is (24/30)*100 = 80

Grading  

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>Homework Assignments</td>
<td>50% (25% Individual Assignments / 25% Group Assignments)</td>
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<tr>
<td>Exams</td>
<td>30% (2 midterms and 1 final)</td>
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Course Policies

Prerequisites
The prerequisite for this class is CS2302 with a C or better.
Syllabus CS3195

Attendance and Punctuality
Your attendance and preparation are critical for your success in this course. The items below are essential for ensuring that you benefit from the course and are prepared to enter the workforce.

- Attendance: You must sign-in for each class. You will be dropped from the class if you have four or more absences. You will be considered tardy if you arrive 5 minutes after the start of the class. Three tardies are equal to one absence.

Standards of Conduct
Students are expected to conduct themselves in a professional and courteous manner, as prescribed by the UTEP Standards of Conduct.

Academic Honesty
Assignments are to be done individually unless specifically designated as group assignments. While you may discuss assignments with others, your solutions should be designed, written, and tested by you alone. If you need help, consult the instructor.

All code should be your own, unless the assignment explicitly permits the use of borrowed code or found code; in such cases you must acknowledge your sources and state specifically what you used.

You may not transcribe or copy a solution taken from another person, book, or other source, e.g., a Web page. Professors are required to – and will – report academic dishonesty and any other violation of the Standards of Conduct to the Dean of Students.

Disabilities
If you feel you may have a disability that requires accommodation, contact The Center for Accommodations and Support Services Location at Union Building East, Room 106. Phone: (915) 747-5148, or e-mail to cass@utep.edu. Website: http://sa.utep.edu/cass/