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: Thu 3:30 – 5:30 PM / send email for an 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 email before midnight on the specified due date. **A 24 hour late penalty of 10% will be assessed. 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).**

**Grading**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes and Exercises</td>
<td>30%</td>
</tr>
<tr>
<td>Homework Assignments</td>
<td>40%</td>
</tr>
<tr>
<td>Exams</td>
<td>30%</td>
</tr>
</tbody>
</table>

**Course Policies**

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

**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/