CoSci 408 SYLLABUS

INSTRUCTOR **Mari Rettke** samusher@aol.com 818 – 470-8419

SECTION : 3196

STUDENT LEARNING OUTCOMES

Students will at the completion of the course be able to:

1. Demonstrate an understanding of how Windows/WEB based object oriented programming works using Visual Basic as the user interface.
2. Code and debug structured object oriented programs using Visual Basic
3. Demonstrate understanding and use of controls, event procedures, and methods.
4. Demonstrate understanding and use of variables and constants as applied to object oriented programming.
5. Apply programming logic by using selection, decision and repetition structures.
6. Develop multiple forms within a Visual Basic project.
7. Demonstrate an understanding of scope by referencing elements passed as parameters between modules in a project.

DETERMINATION OF GRADE

1. Attendance:

The class meets from Tuesday from 5:45 – 10:00pm. Attendance will affect your grade in a negative manner only. You may miss two class meetings without penalty. If you miss more than two meetings, 1 point will be subtracted from your final grade for each additional class missed. Three cases of tardiness equals one absence.

2. **Assignments, Exercises, and Quizzes:** (20%)

Short programming assignments will be given each week. These assignments will count as 15% of the final grade. These must be turned on time. Late assignments will be accepted, but there will be a reduction in points.
Debugging exercise and quizzes will be given in class. They will count for 5% of the final grade.

3. **Tests:** (55%)

Test #1	15%
Test #2	20%
Test #3	20%

Tests must be turned in on time. Late tests will reduce your score by 5 points per week.
Tests will be evaluated as follows:
Internal documentation: 25%

- Programmer name and project description
- Documentation of code;
- Each event shall contain a description of the event and the method
- Pseudo-code for each line in the method
- Evidence of your thought process in debugging – (comment out lines that do not work)

The program must match the project specifications and perform exactly as described: 65%

A total of 90% is possible. In order to achieve a higher score, the 90% must be reached. Additional points may be assigned for: Menus Design – effective use of color and framing Tooltips Splash screens Error checking – deterministic code blocks

4. **Final Exam**: (25%)

5. **Grading scale** – A = 90-100, B = 80-89, C = 70-79, D= 60-69, F – below 60

MATERIALS:

Text – An Introduction to Programming Using Visual Basic 10.; David Schneider; Pearson/Prentice Hall; ISBN 0-13-212856-X

Office Hours:

Tue 9:30 -10:30 Thursday 12:30 – 1:30 and Tues/Thur evening 4:00 to 5:45 and Wednesday 4: - 6:00 or by appointment (call 818-470-8419 or 818-364-7742 or by email)

Final Exam – June 4 room 2007 10:00 – 12:00