***Southern Polytechnic State University***

***IT 5303 – Introduction to Programming and Software Development***

 ***(3 credit hours)***

***Fall 2012***

***Description****:*

*This course examines concepts and practices of modern computer programming and software development. Students will learn how to design software to solve business problems by integrating existing solutions and developing new components using an object oriented programming language*.

**Course Outcomes:**

1. Explain the structure of modern software development frameworks.
2. Discuss the importance of software engineering principles and best practices.
3. Design and develop well-documented software modules using object oriented programming concepts and principles.
4. Discuss the importance of integration in Information Technology and techniques to achieve integration to address business needs.

**Instructor:** Lynda Brown

 Lbrown7@spsu.edu

 (email is the best way to contact me)

 770-891-2412 (home)

**Class Times**

(Section 001) M/W – 7:30-8:45 pm room J266

 (Section 900) Online

**Office Hours** -prior to class – room J388

 Other times by appointment

**Text:** *Java – How to Program 9th Edition*

 By Paul Deitel and Harvey Deitel

 ISBN: **978-0132575669** | Edition: **9**

**Grading**

Protored Final Exam 20%

Quizzes 30%

Programming Assignments 40%

Participation 10%

Scale:

90+: A80+: B70+: C60+: DBelow 60: F.

**Important Dates**

9/5/2012 Engagement Grade Reported

10/1/2012 Midterm grades reported

10/4/2012 Last day to withdraw with a W

**Attendance**

It is assumed that students are familiar with the statement on attendance in the general catalog. Attendance is expected. If you know you will be absent on a day an assignment is due, make arrangements to hand in the assignment early. Late assignments will result in a lower grade. On-Line students are expected to routinely and periodically login to the class, participate in discussions and submit assignments on the designated dates.

**On-Line students**:

Proctored tests are a requirement for this course. Students are expected to take proctored exams on the SPSU campus, either at a commonly scheduled time or at a time mutually agreed on by the student and the instructor.

Online Students must log into GeorgiaViewVista courses by Monday (8/20) by 11:59pm to confirm their attendance. If you fail to log into your courses by Monday (8/20) 11:59pm or fail to complete course activities within a two-week period at any time during the semester, the instructor will consider your lack of activity as an indication of your intention not to continue in the course. Failure to participate without officially withdrawing from the course will result in a grade of F.

**Collaboration and Plagiarism**

Group discussion and study are examples of collaboration. Programs, projects, and test **must be done individually, and may not be done together with anybody else**. **Intentional or unintentional** sharing of program code or cheating on tests / assignments is ***not*** permitted, and the **minimum** penalty for such academic dishonesty is a mark of zero or a failing grade to ***all*** involved parties, according to university policy. ***If you are not sure you understand this policy, please seek clarification from the professor.* The following links are of particular help in understanding academic dishonesty and plagiarism (courtesy Professors Brown and Harbort)**

**Academic Conduct**

[**http://www.spsu.edu/orientation/academicstandards.pdf**](http://www.spsu.edu/orientation/academicstandards.pdf)

**Honor Code**

“SPSU has an Honor Code and a procedure for handling cases when academic misconduct is alleged. All students should be aware of them. Information about the Honor Code and the misconduct procedure may be found at [http://www.spsu.edu/honorcode/](http://spsu.edu/honorcode/).”

**ADA Compliance Statement**

“If you have a documented disability as described by the Rehabilitation Act of 1973 and

the Americans with Disabilities Act (ADA) that may require you to need assistance

attaining accessibility to instructional content to meet course requirements, we

recommend that you contact the ATTIC at 678.915.7361 as soon as possible. It is then

your responsibility to contact and meet with your instructor. The ATTIC can assist you

and the instructor in formulating a reasonable accommodation plan and provide support

in developing appropriate accommodations for your disability. Course requirements will

not be waived but accommodations will be made, when appropriate, to assist you to meet

the requirements”.