CSC 241: Abstract Data Types and Programming Methodology (CS2)
Spring 2015

Place and Time: TR 3:55 p.m. – 5:15 p.m., Shineman 174

Instructor: Alex Pantaleev

Office: Shineman 441 / **Lab:** Shineman 446

Office Hours / Lab Time: TR 12:00 p.m. – 12:45 p.m.

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Course Webpage: http://www.cs.oswego.edu/~alex/

Short Description: Quick rehash of basic control flow and methods; Object-Oriented Programming with Java, Recursion, Asymptotic Notation, Sorting, Searching, Linked Lists, Stacks, Queues, Trees, Binary Trees, Binary Search Trees, Hash Tables

Objectives: Upon the successful completion of the course, the student will be familiar with modular design and object-oriented programming techniques; commonly used data structures; the design and implementation of abstract data types.

Textbooks: There is no required textbook.

Quizzes: There will be two pass / fail quizzes administered during the first two weeks of classes. Students *must*

pass at least one quiz in order to pass the course.

Exams: There will be a final examination. Students *must pass* the final exam (grade > 60%) in order to pass the course.

Project / Homeworks: There will be a total of seven homeworks (approximately one every two weeks).

Grading Policy:
- Final Exam 30%
- Homeworks 10% each

There is no curve. The grading scale is:

93 and up	A
90 to 92.99	A-
87 to 89.99	B+
83 to 86.99	B
80 to 82.99	B-
77 to 79.99	C+
73 to 76.99	C
70 to 72.99	C-
67 to 69.99	D+
63 to 66.99	D
60 to 62.99	D-
Below 60	E

Policies:

- The *prerequisite* for this class is CSC212. If you do not have the prerequisite fulfilled, it is recommended that you drop CS241 and take CS212 first, unless you have significant prior programming experience.

- Course assignments are to be electronically submitted to the Angel Learning System.

- Assignments electronically submitted after 11:59pm of the due date will be considered late. It is possible to submit no more than one late homework without a justifiable and documented excuse. This late submission's deadline is exactly a week after the regular one. Other late submissions will receive a grade of 0.

- Assignments that do not compile, or crash when run, will receive no credit.

- It is your responsibility to find out when the CS labs are open.

- *It is also your responsibility to check the course webpage and your email accounts regularly.*

- There will be one per cent deducted from a student's final course grade per cell phone ring/call/text message or other noise from electronic devices in class. Please turn off your cell phones and other distractions.

- The Office of Disability Services is available to assist students who have a legally documented disability or students who suspect that they may have a disability. If you have a disabling condition that may interfere with your ability to successfully complete this course, please contact the Office of Disability Services. (Alternative testing for students with learning disabilities is available through Disability Services.)

- Academic Misconduct Policy: Students must work individually on all assignments and projects. Group work is not permitted. If assistance is necessary, the instructor can be contacted during office hours, by electronic mail or by making an appointment. Plagiarism, cheating, and the like will result in a failing grade for the course or, at the discretion of the instructor, in disciplinary action through the respective SUNY Oswego office.