

**CSC 241: Abstract Data Types and Programming Methodology (CS2)
Fall 2021**

Place and Time: TR 9:35 a.m. – 10:55 a.m.; Tuesdays sync online; Thursdays in Shineman 150

Instructor: Alex Pantaleev

Office: Shineman 441

Office Hours / Lab Time: by appointment

Email: alex@cs.oswego.edu

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.

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:

- Class sessions on Tuesdays will be held in a synchronous online fashion. Class sessions on Thursdays will be held in person.
- 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 Blackboard 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.
- Disability Statement: "If you have a disabling condition, which may interfere with your ability to successfully complete this course, please contact the Office of Accessibility Services."
- Clery Act/Title IX Reporting Statement: SUNY Oswego is committed to enhancing the safety and security of the campus for all its members. In support of this, faculty may be required to report their knowledge of certain crimes or harassment. Reportable incidents include harassment on the basis of sex or gender prohibited by Title IX and crimes covered by the Clery Act. For more information about Title IX protections, go to <https://www.oswego.edu/title-ix> or contact the Title IX Coordinator, 405 Culkin Hall, 315-312-5604, titleix@oswego.edu. For more information about the Clery Act and campus reporting, go to the University Police annual report: <https://www.oswego.edu/police/>.
- Intellectual Integrity Statement: SUNY Oswego is committed to Intellectual Integrity. Any form of intellectual dishonesty is a serious concern and therefore prohibited. You can find [the full policy online](#).